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L161—H41

UNIVERSITY OF ILLINOIS

THE ORDERS

FIFTY-EIGHT PLATES ILLUSTRATING THE FIVE ORDERS OF ARCHITECTURE

I TUSCAN
II DORIC
III IONIC
IV CORINTHIAN
V COMPOSITE

UNIVERSITY OF ILLINOIS

AMERICAN SCHOOL
CHICAGO

VERSITY OF ILLINOIS

UNIVERSITY OF ILLINOIS

LIST of PLATES AND SUBJECTS

ROMAN
(RENAISSANCE)

I. Parallel of the Orders,—Doric, Ionic, Corinthian.
II. Tuscan Order,—Entablature and Details.
III. Doric Column,—Denticular, Mutular.
IV. Details of Denticular Doric Entablature.
V. Details of Mutular Doric Entablature.
VI. Doric Pedestal and Impost.
VII. Doric Order.
VIII. Doric Order according to Palladio.
IX. Mutular Doric Order according to Vignola.
X. Details of Ionic Capital.
XI. Details of Ionic Entablature.
XII. Details of Ionic Pedestal and Impost.
XIII. Ionic Order.
XIV. Ionic Order according to Palladio.
XV. Details of Corinthian Capital. (I)
XVI. Details of Corinthian Capital. (II)
XVII. Details of Corinthian Capital. (III)
XVIII. Corinthian Entablature.
XIX. Corinthian Pedestal and Impost.
XX. Corinthian Order.
XXI. Corinthian Order according to Palladio.
XXII. Ionic Arched Doorway.
XXIII. Tuscan Arcade.
XXIV. Doric Gallery with Arches.
XXV. Doric Colonnaded Gallery.
XXVI. Corinthian Campanile.
XXVII. Tuscan Guardhouse.
XXVIII. Ionic Entrance.
XXIX. Doric Chapel.
XXX. Ionic Circular Temple.
XXXI. Corinthian Circular Temple.
XXXII. Doric Pavilion.
XXXIII. Ionic Temple with Portico.
XXXIV. Corinthian Entrance.

GREEK
(CLASSIC)

XXXV. Temple of Diana Propylæa, Eleusis.
XXXVI. Details of Temple of Diana Propylæa, Eleusis.
XXXVII. Doric and Ionic Columns from Parthenon and Erechtheum.
XXXVIII. Doric Order.
XXXIX. Profiles of Typical Mouldings.
XL. Ornamented Mouldings.
XLI. Ionic Order.
XLII. Ionic Capital (plain), Temple of Niké Apteros.
XLIII. Ionic Capital (ornamented), Temple of Minerva Polias.
XLIV. Portico, Temple of Minerva Polias.
XLV. Details of Erechtheum.
XLVI. Ionic Details, Temple of Minerva Polias.
XLVII. Corinthian Order.
XLVIII. Corinthian Columns,—Tholos at Epidauros, Temple of Winds, Monument of Lysicrates.
XLIX. Details of Monument of Lysicrates.
L. Details Showing Contemporaneous Use of Doric and Corinthian Orders, Tholos at Epidauros.

ROMAN
(CLASSIC)

LI. Ionic Details, Baths of Diocletian.
LII. Corinthian Temple of Jupiter Olympus, Athens, and of Saturn, Rome.
LIII. Corinthian Details, Pantheon, Rome.
LIV. Corinthian Details, Temple of Antoninus and Faustina and Temple of the Sun.
LV. Method of Constructing Corinthian and Composite Orders.
LVI. Details of Composite Order, Baths of Diocletian and according to Palladio.
LVII. Doric, Ionic, and Corinthian Columns from Albani, Fortuna Virilis, and Pantheon.
LVIII. Details of Main Doorway, Pantheon.

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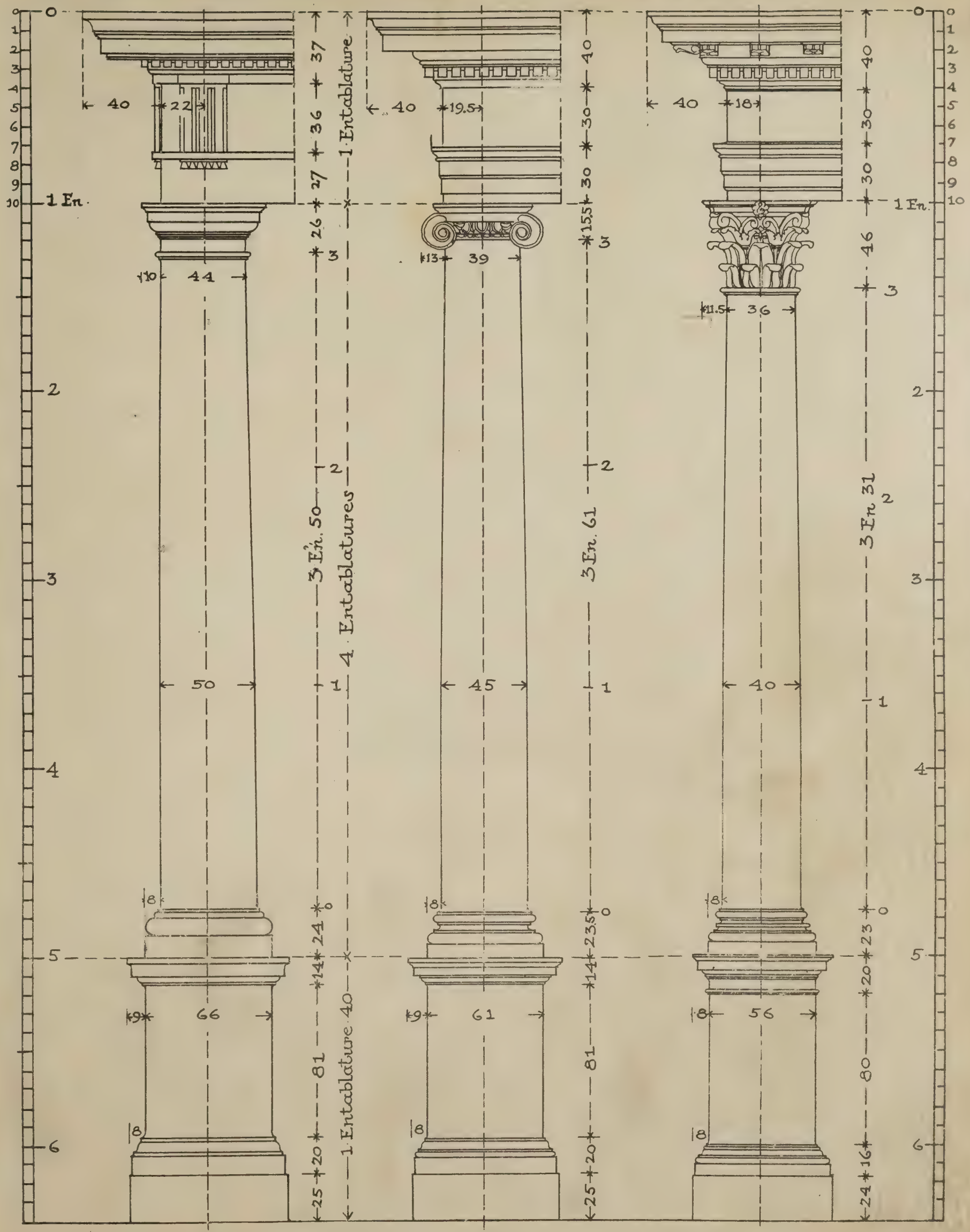
PARALLEL OF THE ORDERS



DORIC IONIC CORINTHIAN

574068

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TUSCAN ORDER

ARCHIVOLT

IMPOSTS

BASE

EDESTAL

CAP

Square
Round
Center of Column

ENTABLATURE AND DETAILS

THE UNIT-MEASURE IS THAT GIVEN BY ENTABLATURE HEIGHT

1/4" EN. = 0 5 10 15 20 25

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DORIC COLUMN

DENTICULAR

MUTULAR

CAP

25 Base

22 Neck

BASE

PLAN OF SHAFT

NECK

BASE

DENTICULAR

One Half En.

MUTULAR

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DORIC DENTICVLAR

SECTION A-A

DETAILS OF ENTABLATVRE

SECTION THRO' GUTTAE

SECTION THROUGH TRIGLYPH

A Measure of One Quarter En.

GUTTAE

Cornice 37

Entablature 100

Frieze 36

Architrave 27

Center of Column

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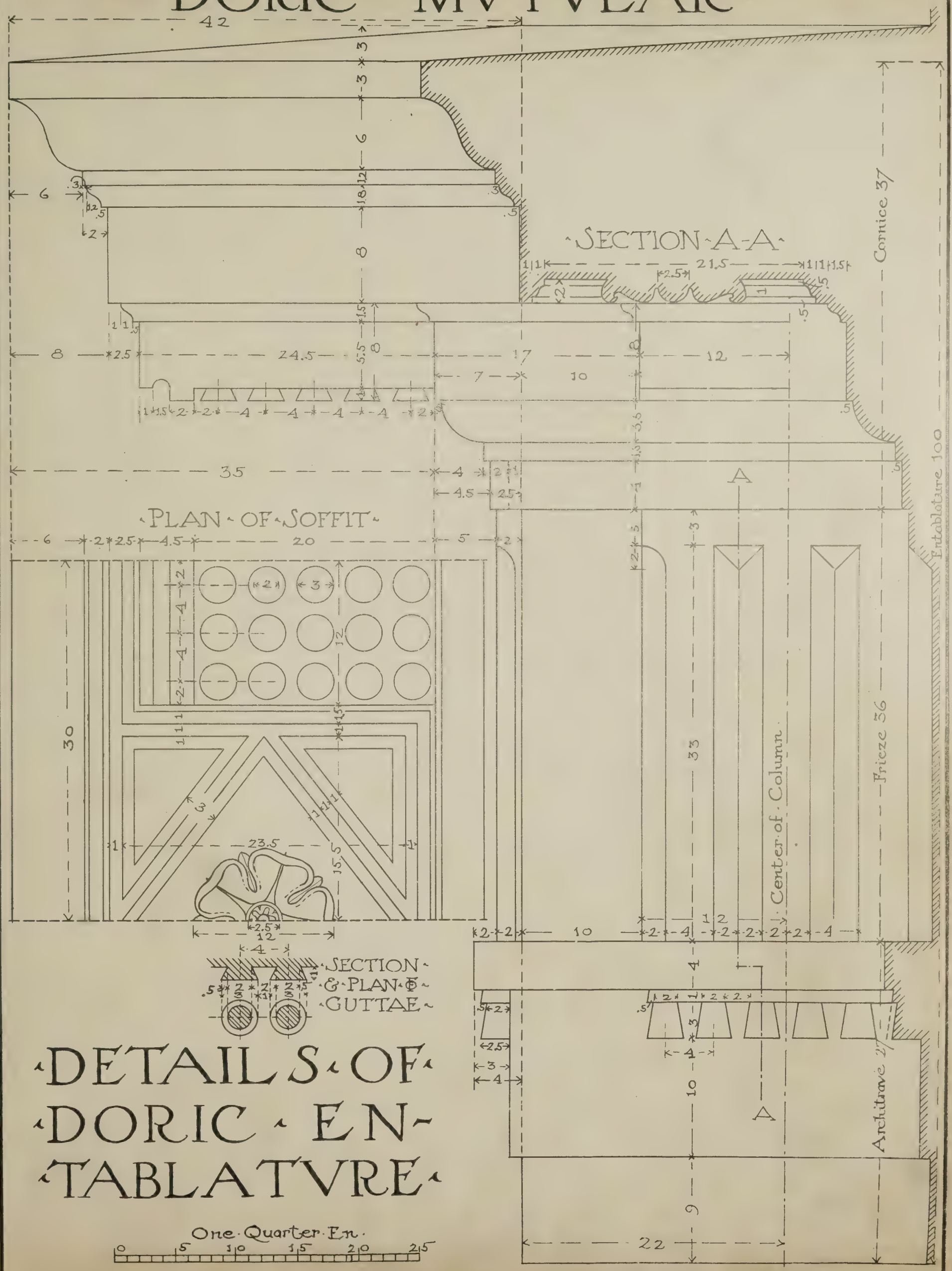
DORIC MVTVLAR



DETAILS OF DORIC ENTABLATVRE

One Quarter En.

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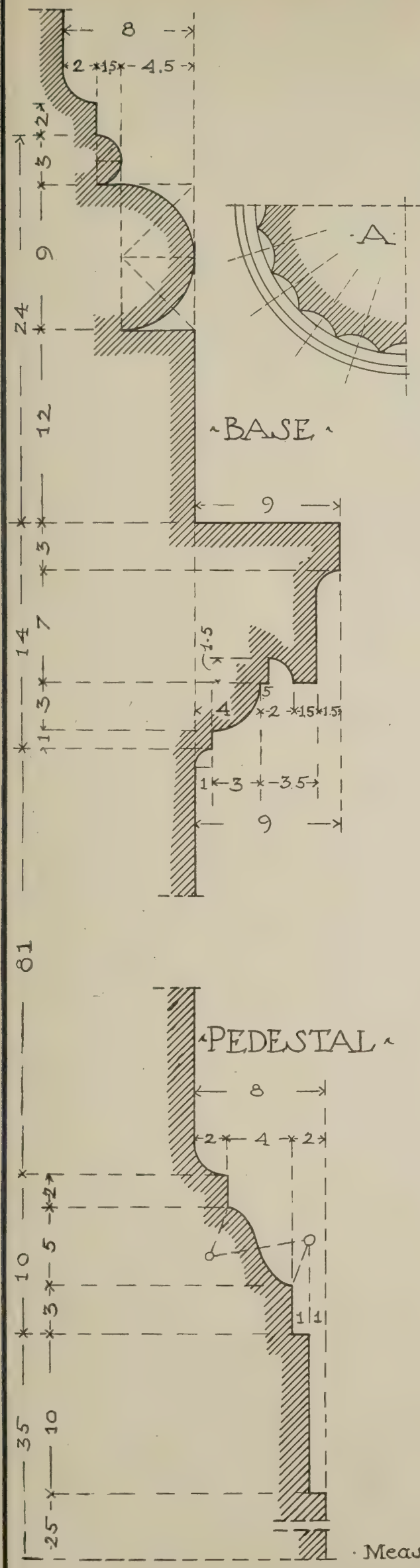
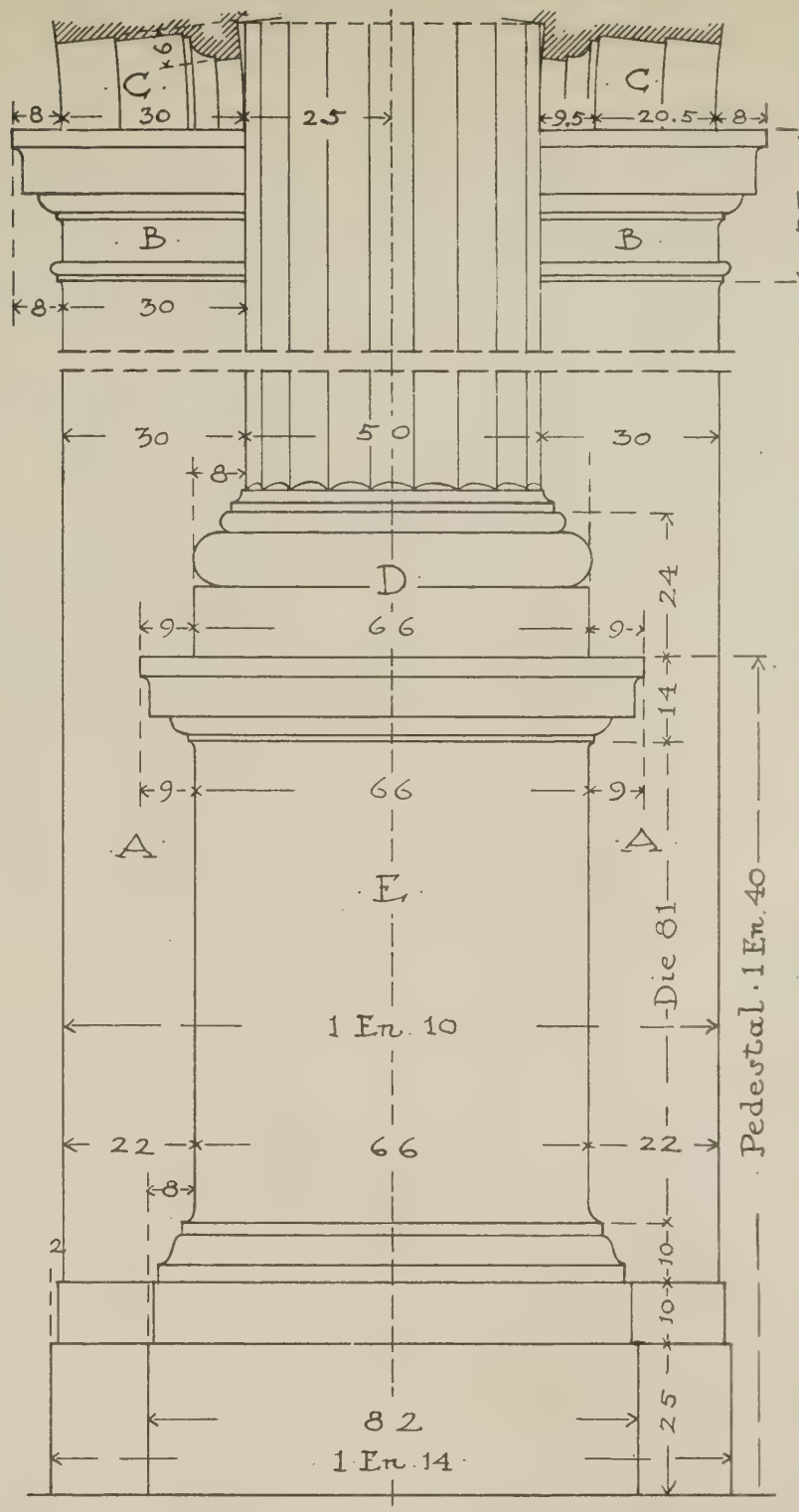
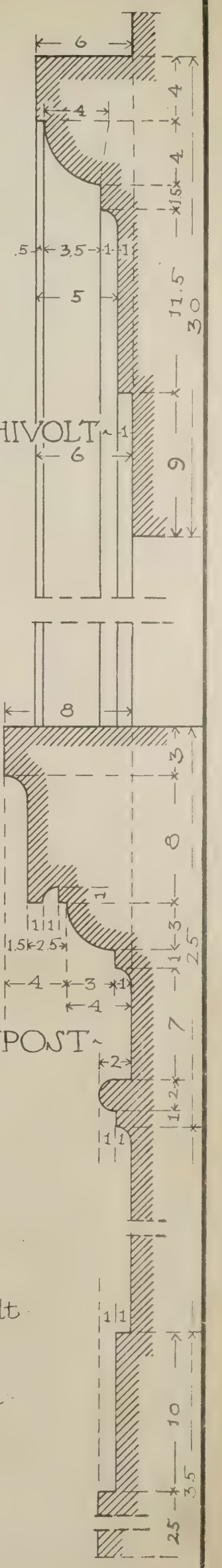
DORIC DETAILS



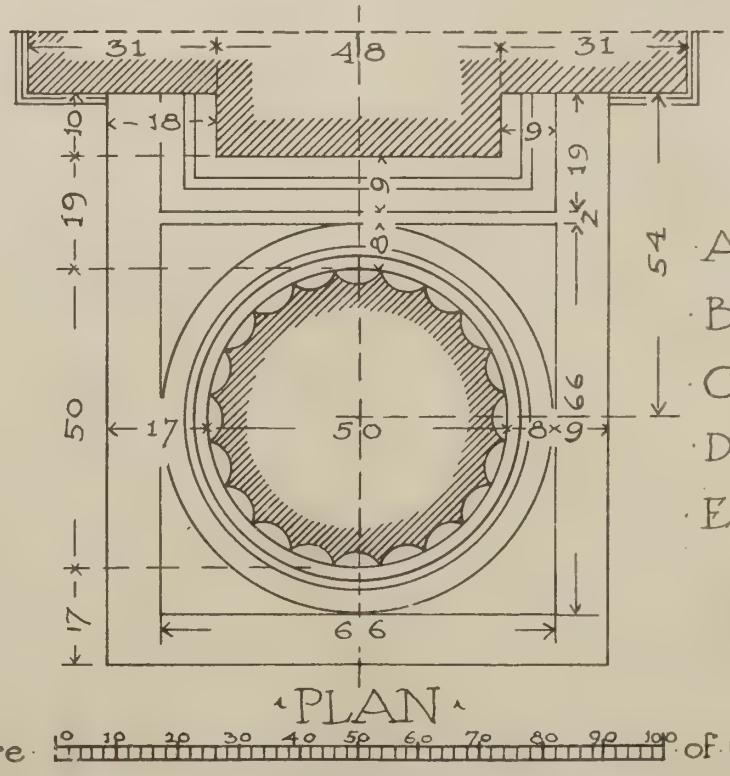




ELEVATION

PEDESTAL

IMPOST



PLAN

- A Pier
- B Impost
- C Archivolt
- D Base
- E Pedestal

Measure 0 10 20 30 40 50 60 70 80 90 100 of One En.

PEDESTAL & IMPOST

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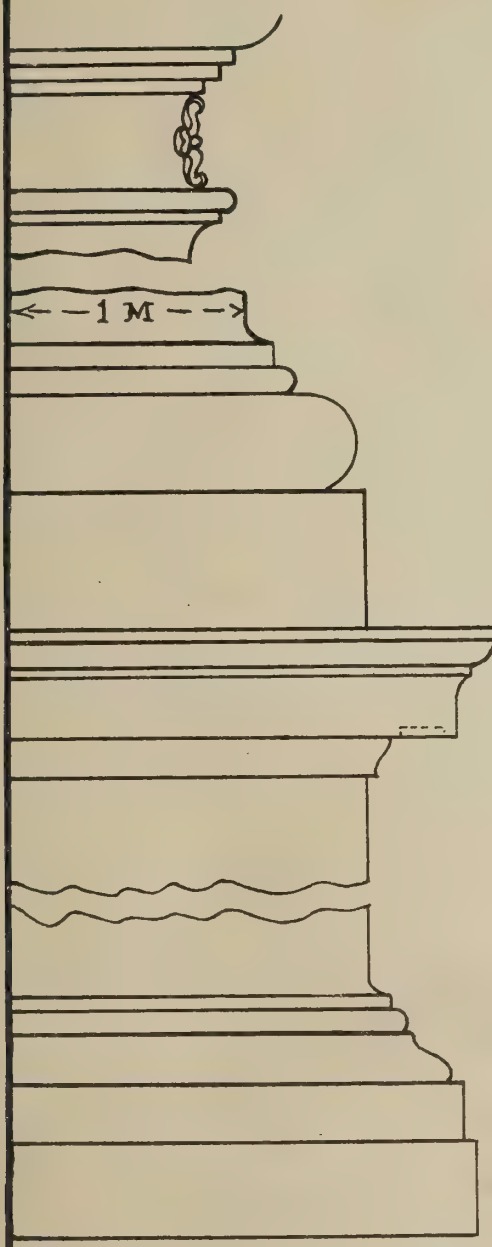
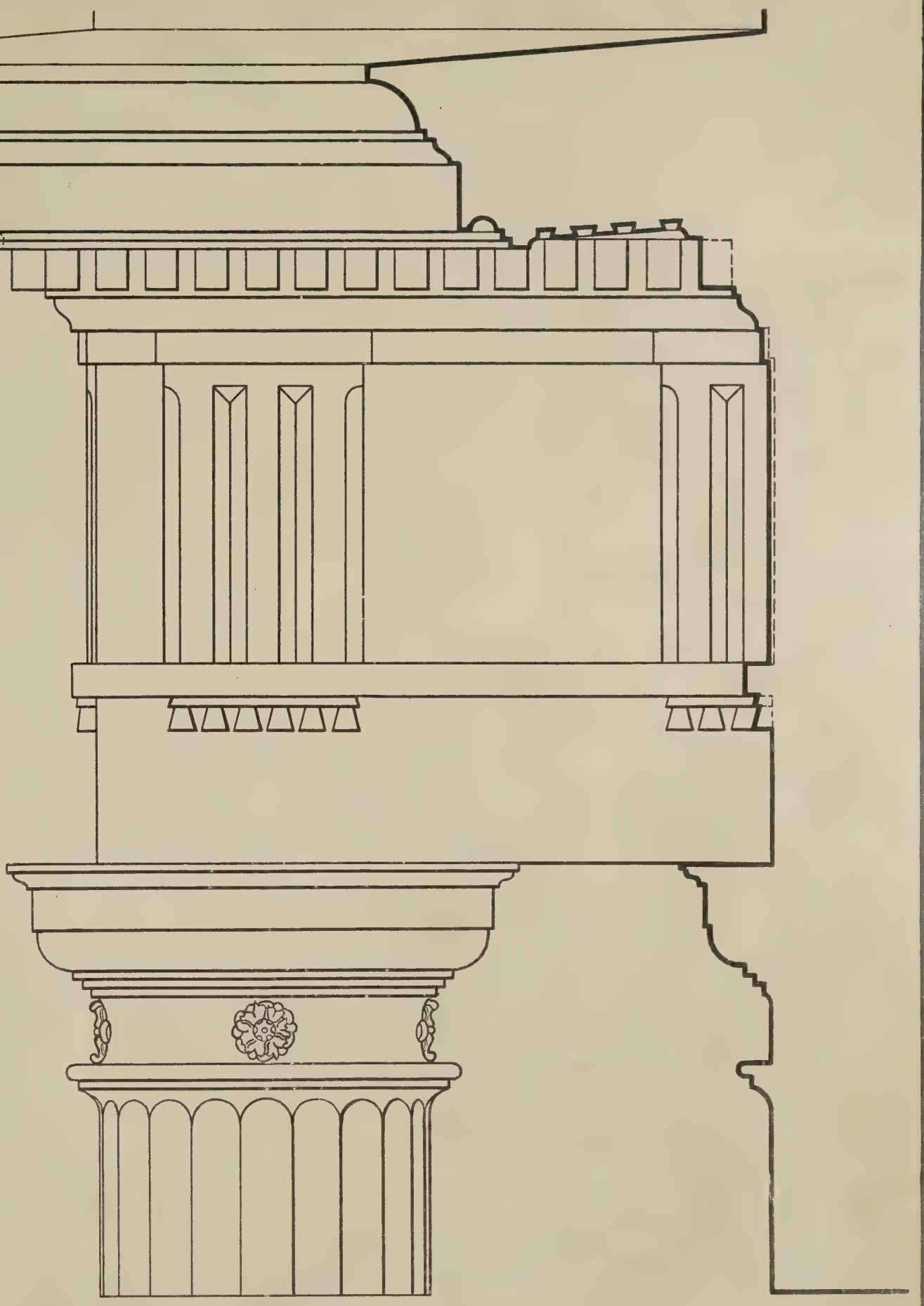
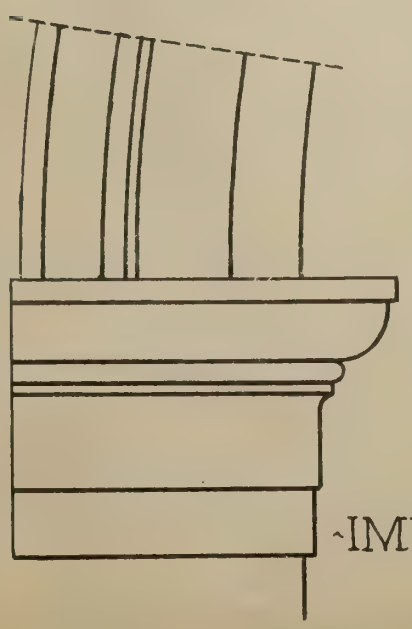
ROMAN DORIC ORDER



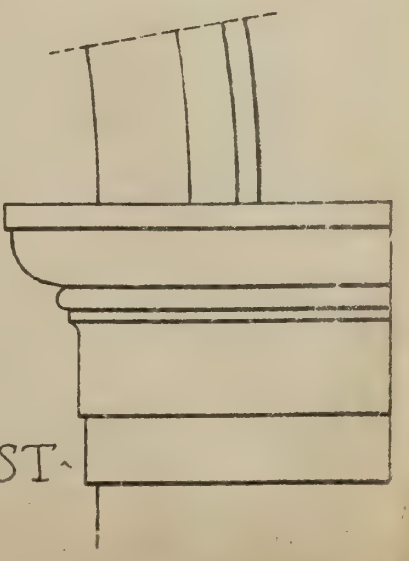
PEDESTAL & BASE





IMPOST

PLAN OF CAP



IMPOST

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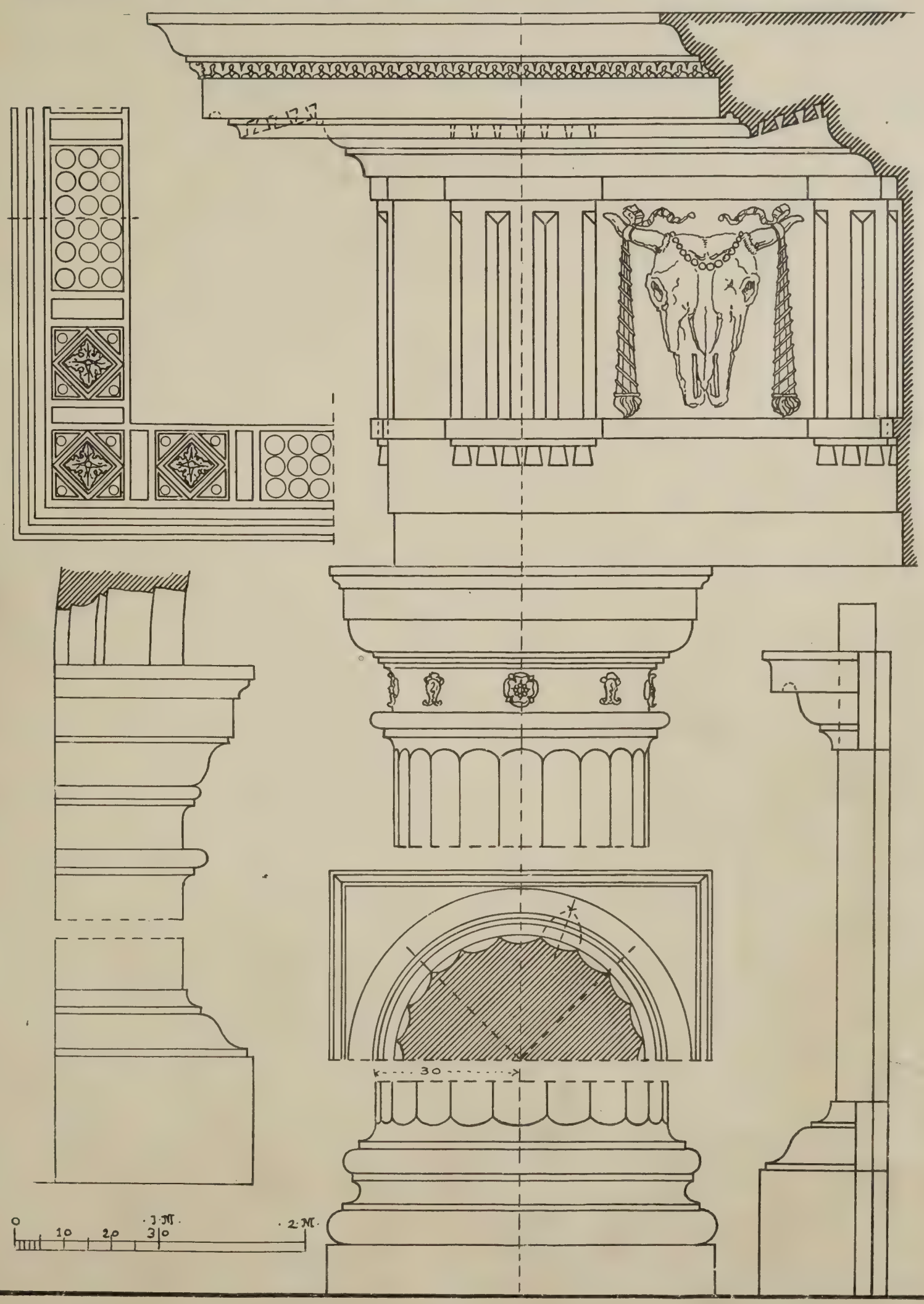
ROMAN DORIC OF PALLADIO



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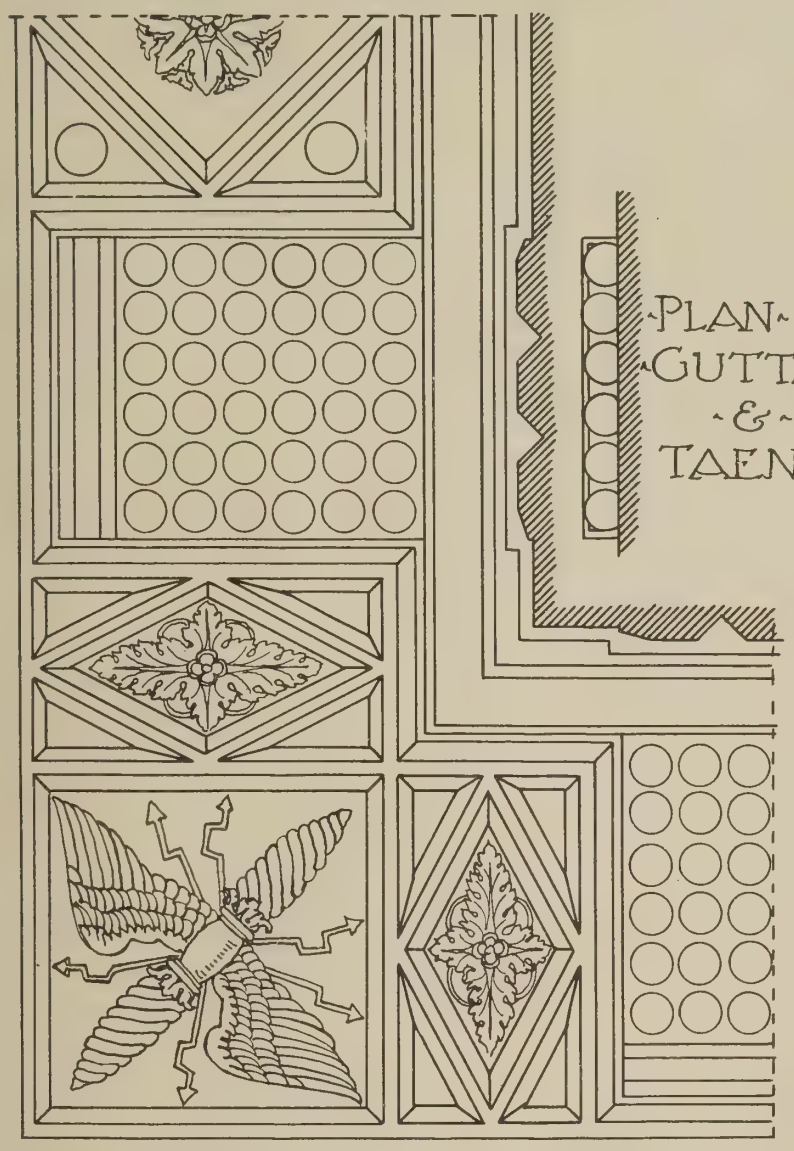
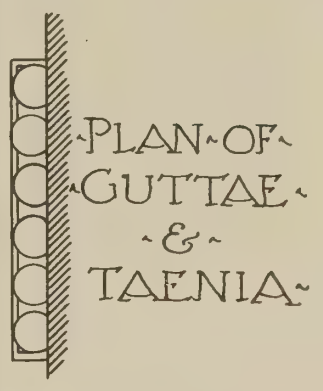
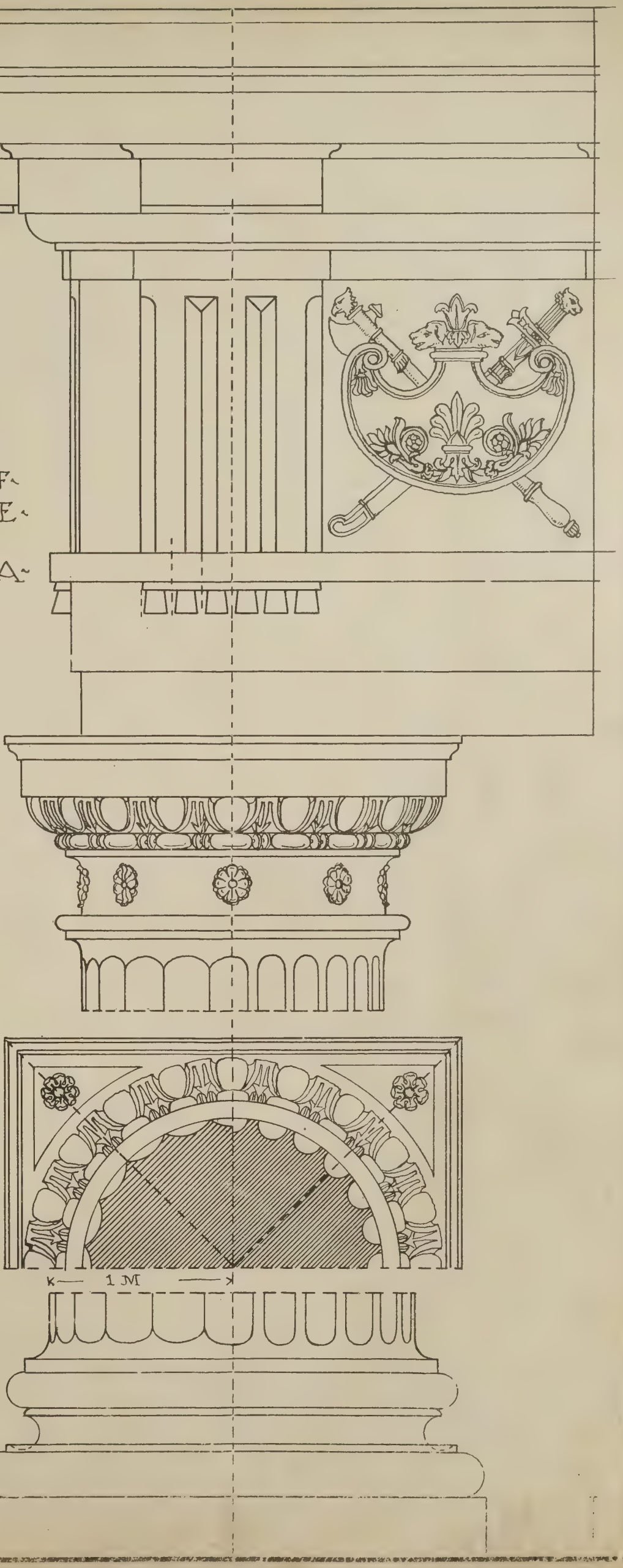
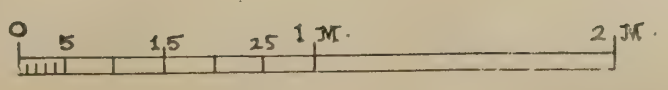
PLAN OF SOFFIT



PLAN OF GUTTAE & TAENIA



MVTVLAR ROMAN DORIC ACCORDING TO VIGNOLA



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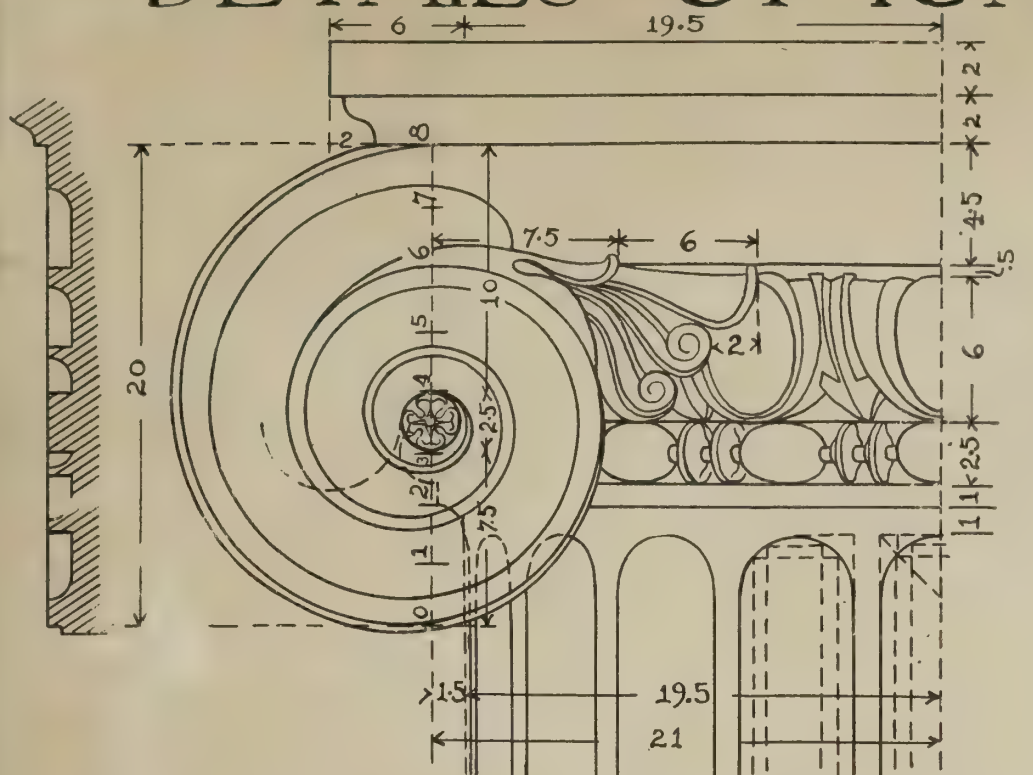
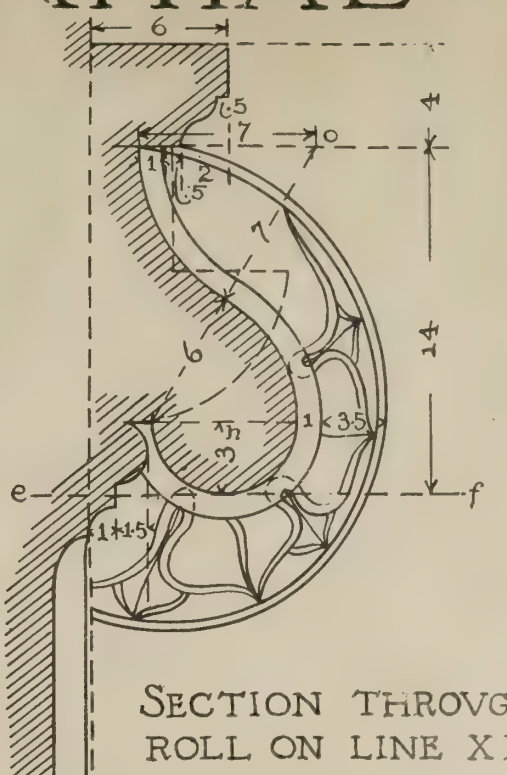
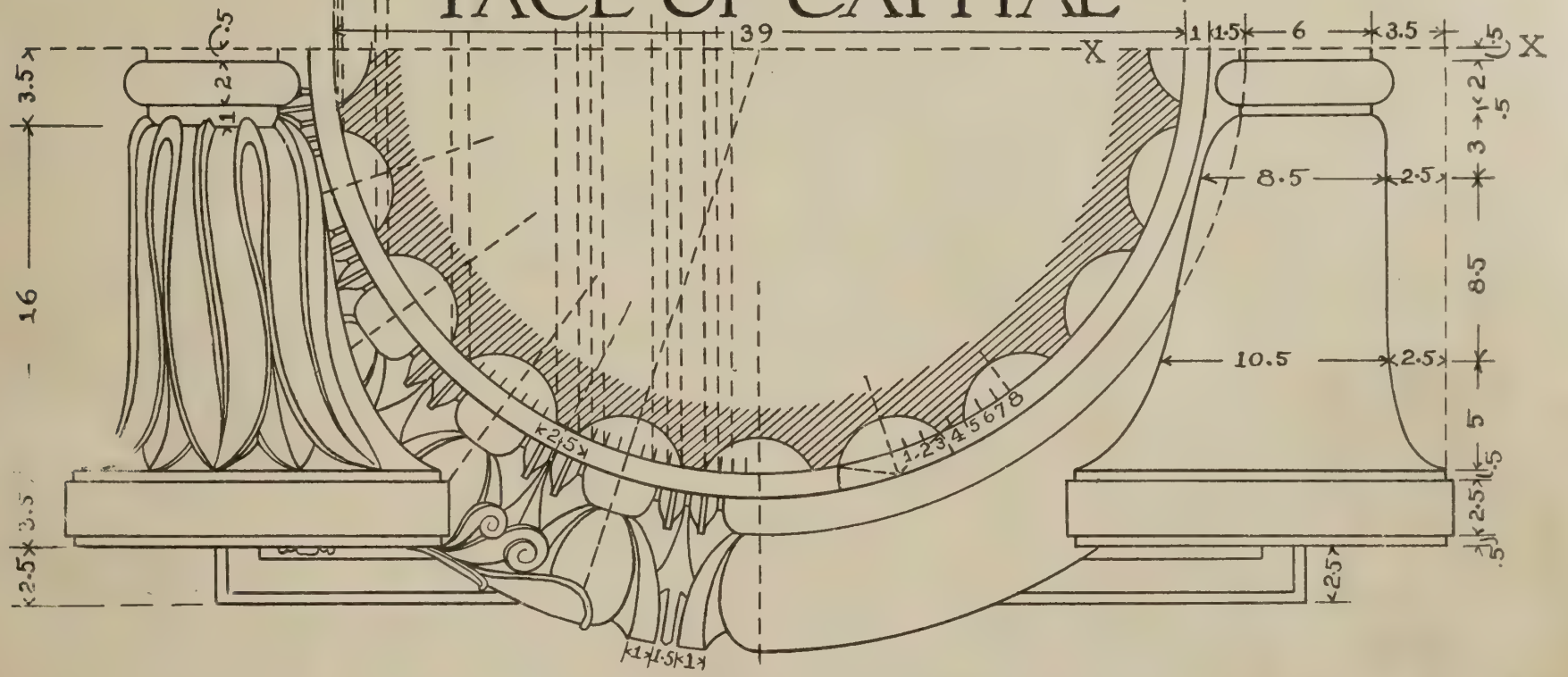
DETAILS OF IONIC CAPITAL





SECTION THROUGH ROLL ON LINE XX

FACE OF CAPITAL



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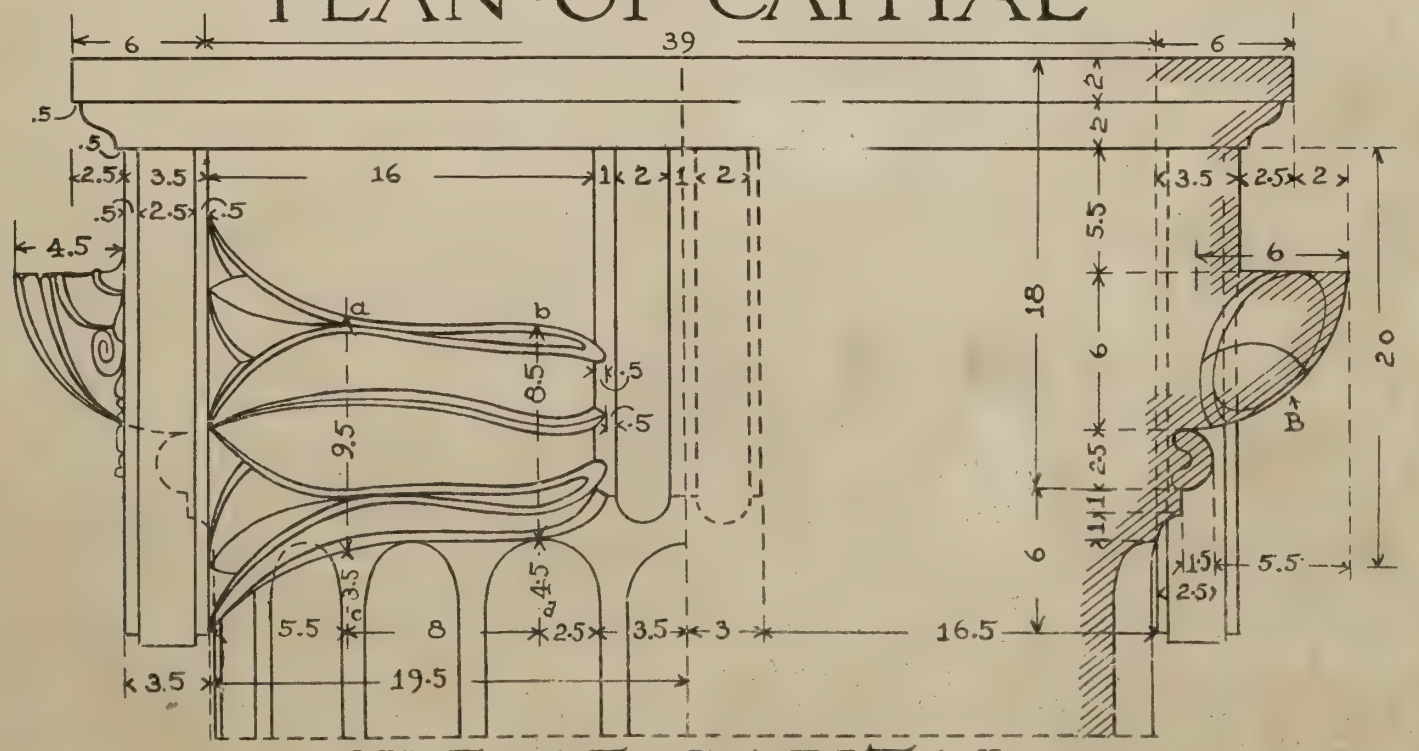
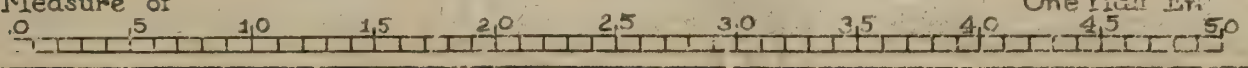


SIDE OF CAPITAL

Measure of



One Half En

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IONIC ORDER

DETAILS OF ENTABLATURE

SOFFIT

VOLUTE FACE

Center of Column

Cornice 40

Frieze 30

Entablature 100

Architrave 30

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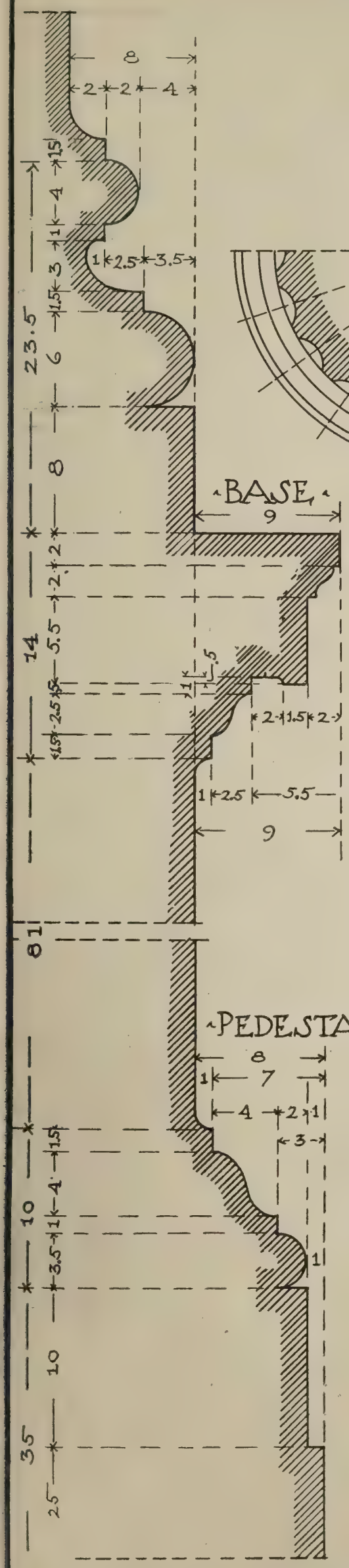
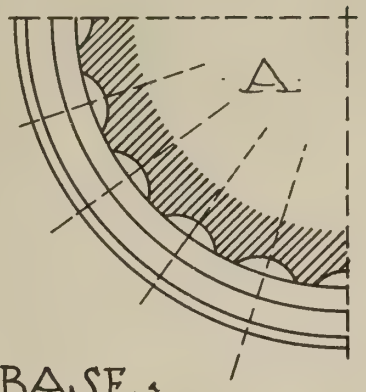
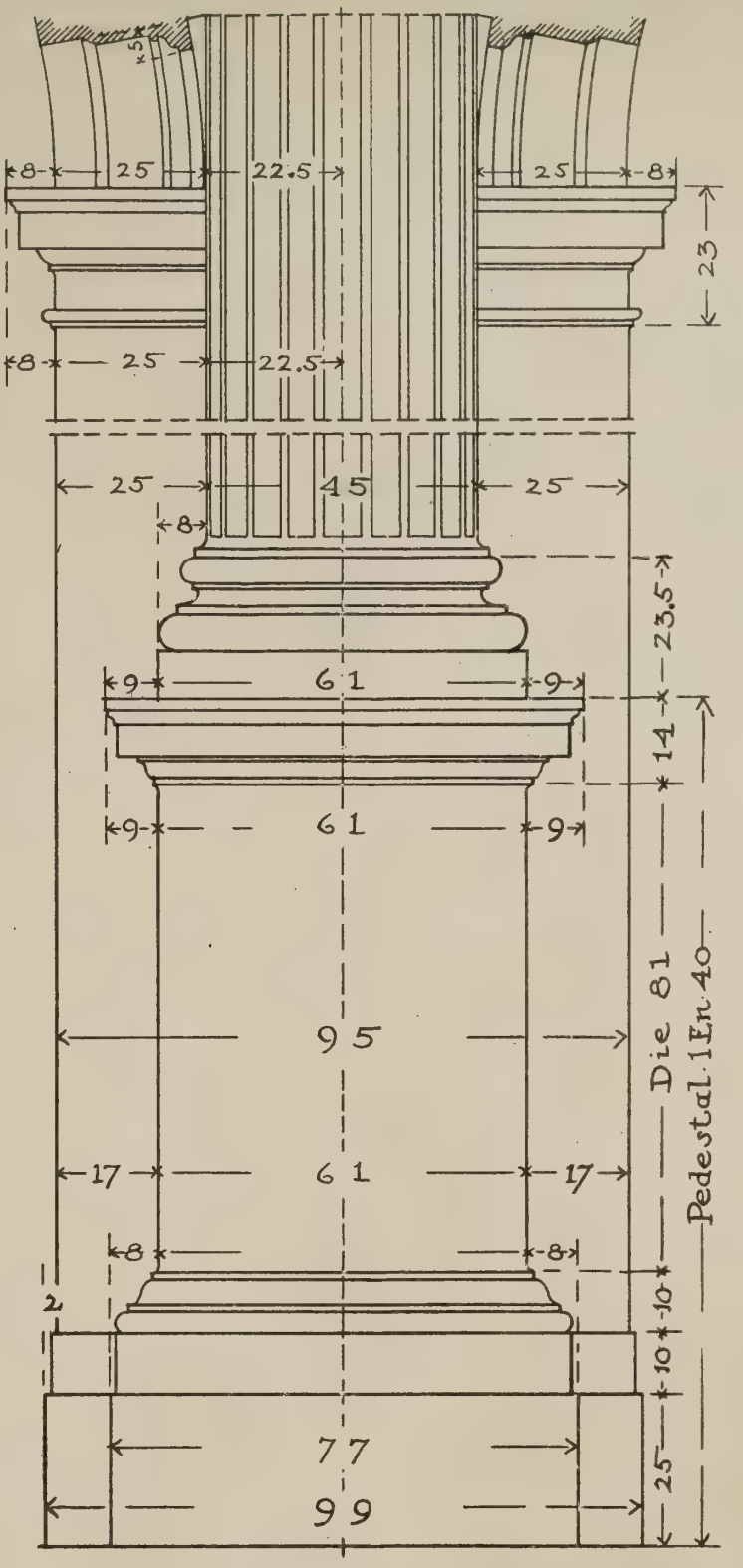
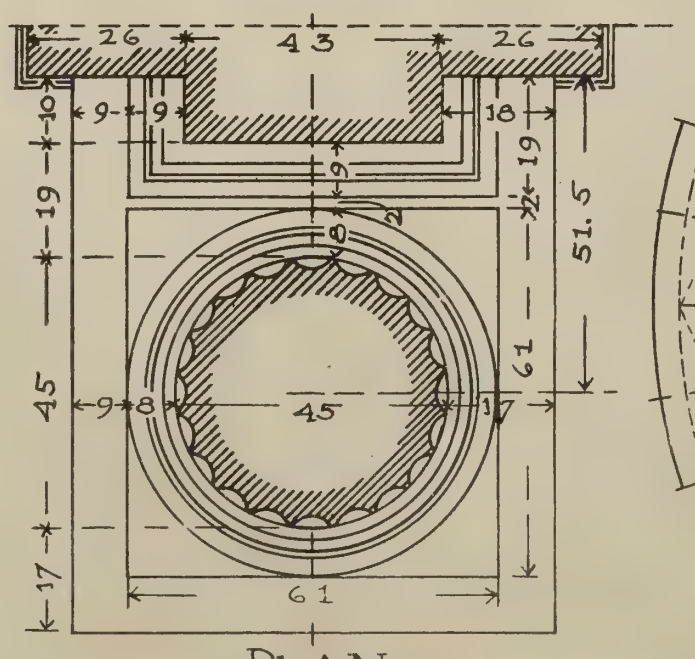
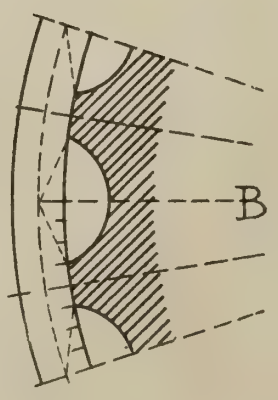
IONIC DETAILS

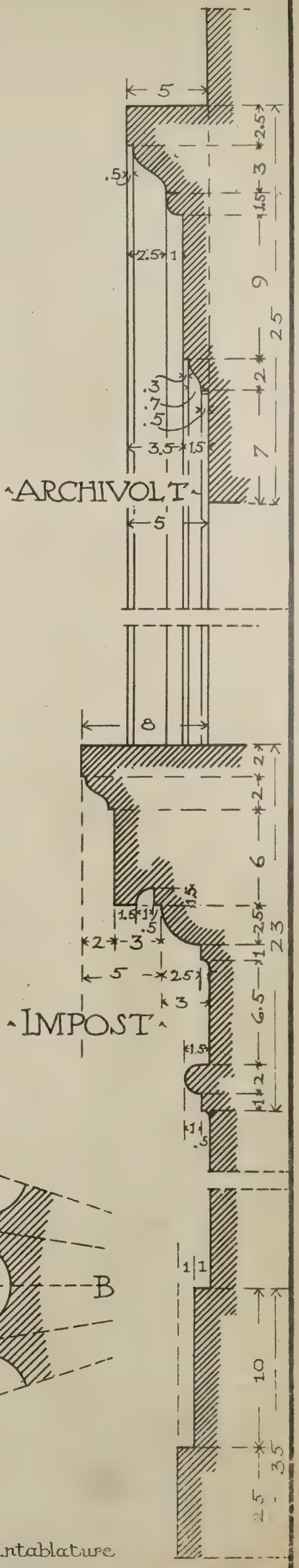












Measure of 0 10 20 30 40 50 60 70 80 90 100 One Entablature

PEDESTAL & IMPOST

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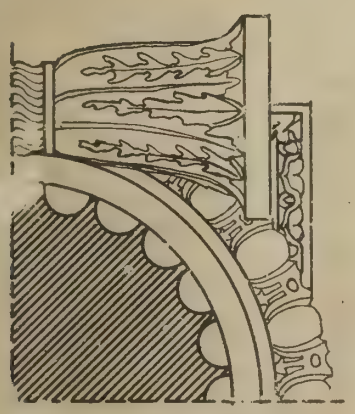
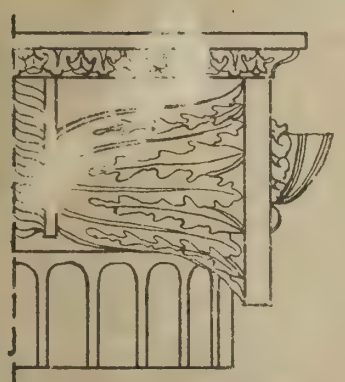
ROMAN IONIC ORDER



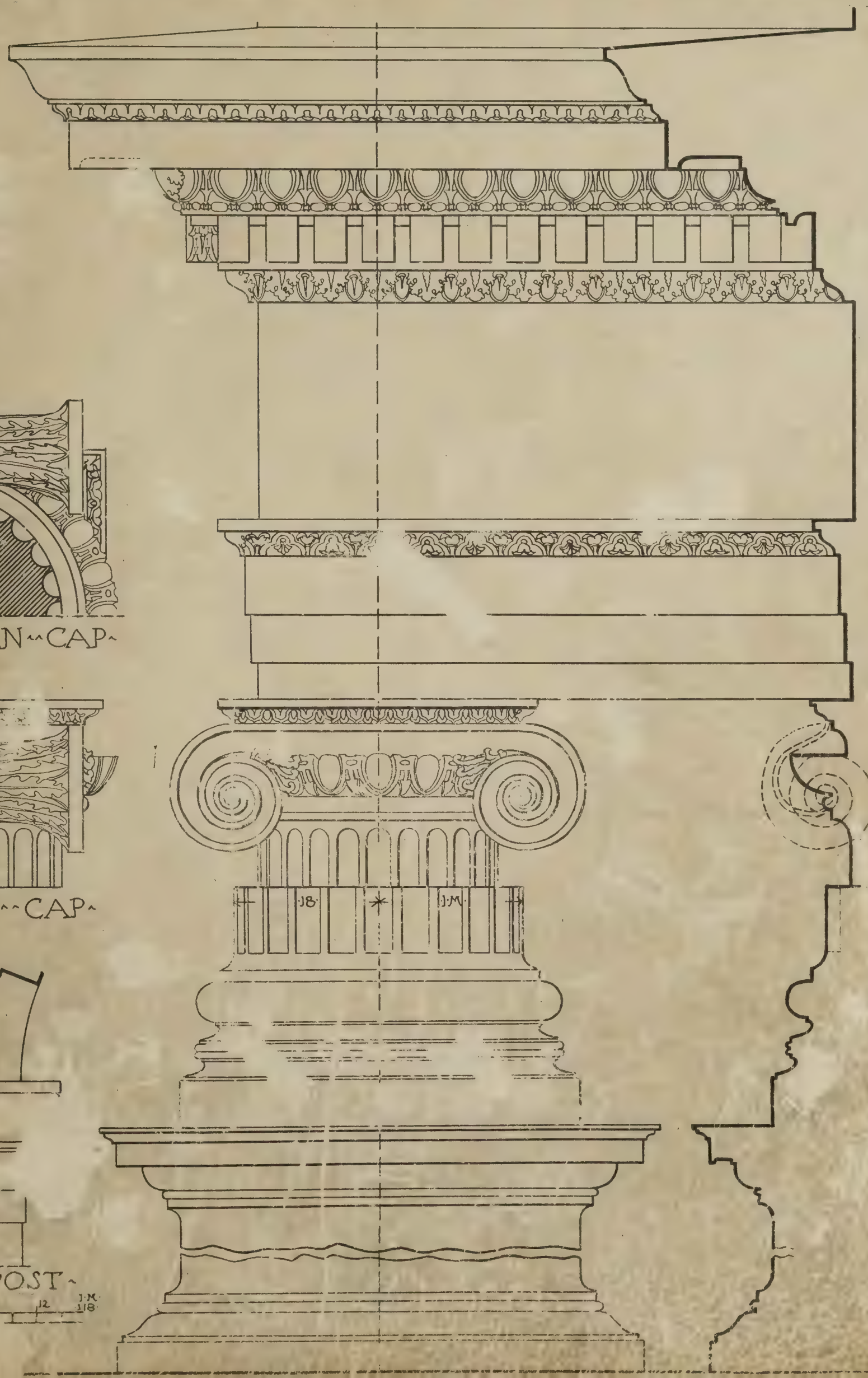
PLAN OF CAP



END OF CAP

IMPOST

0 6 12 1·M·
10 18



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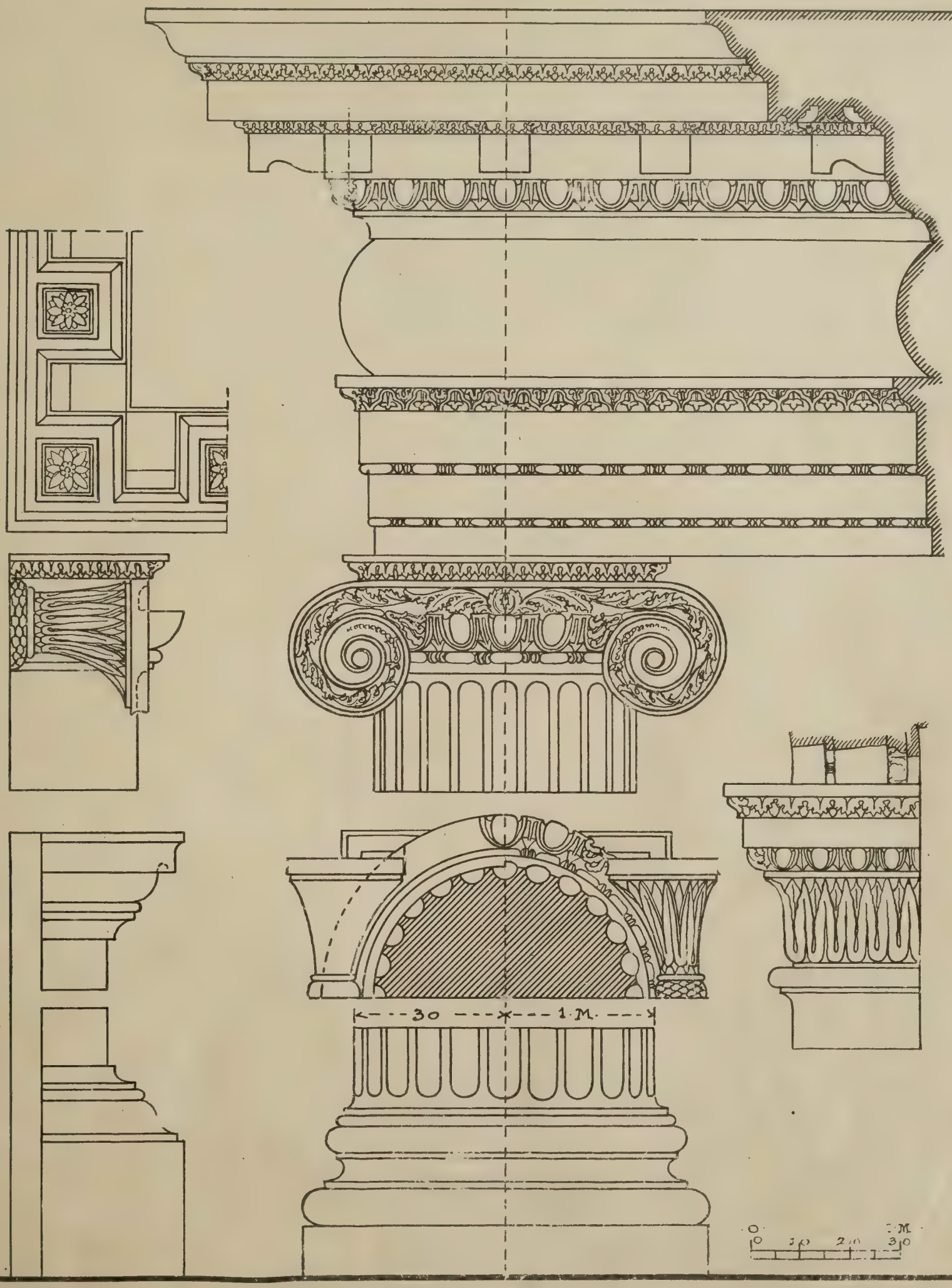
ROMAN IONIC BY PALLADIO



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DETAILS CORINTHIAN CAP

Section B-B

A

B B

Section C-C

Lip of Bell

ROSETTE

C C

4

6.5

2.5

2.5

8

9

25

Bell

Leaf

D D

2.5

Section D-D

FLOWERET

13

E E

Section E-E

5

2

LARGE LEAF

SECTION A-A

Developed Half A Actual Half

0 5 10 12.5 = 1/8 En

1 1 1 1

LEAF of CAULICOLI Developed

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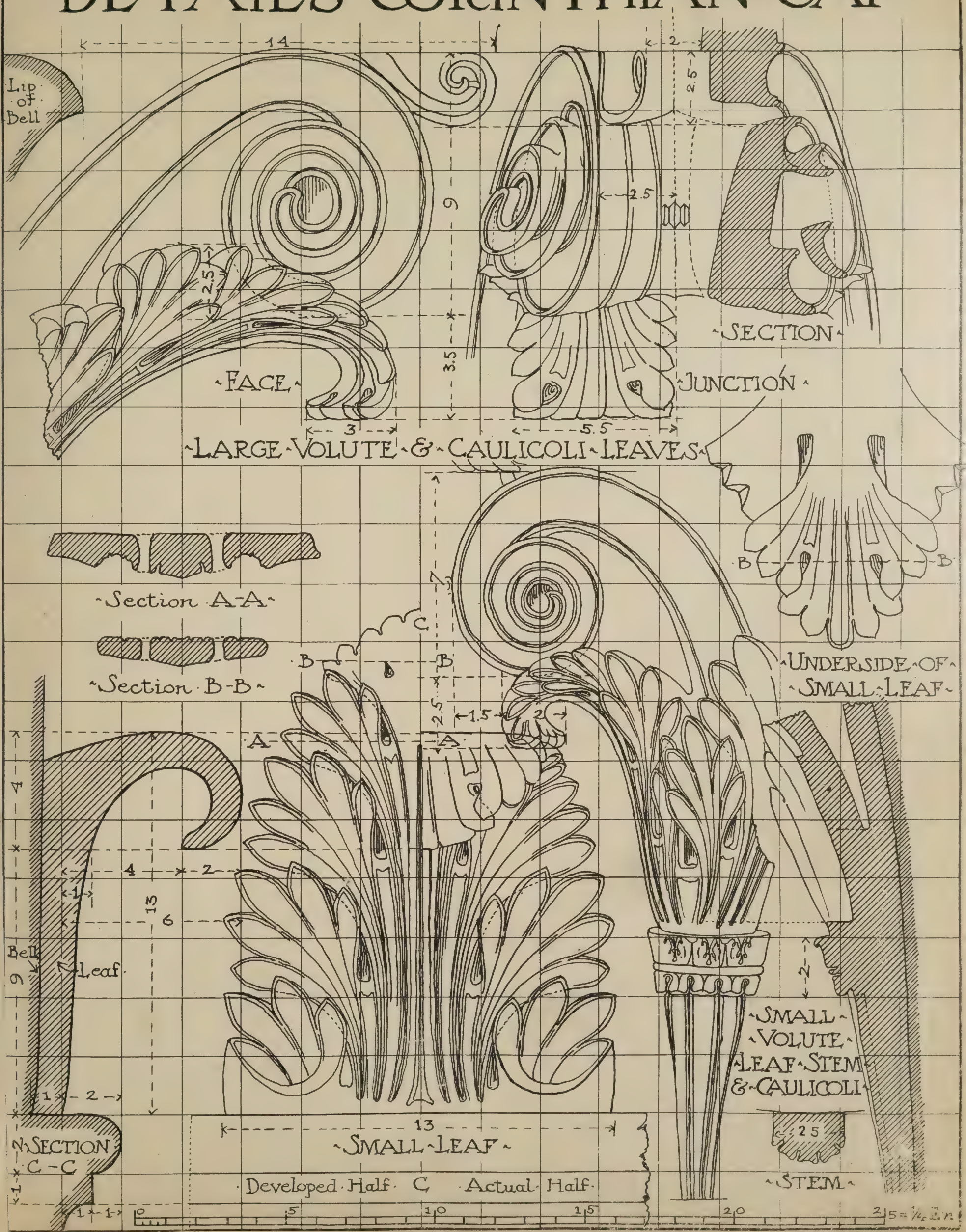
DETAILS CORINTHIAN CAP



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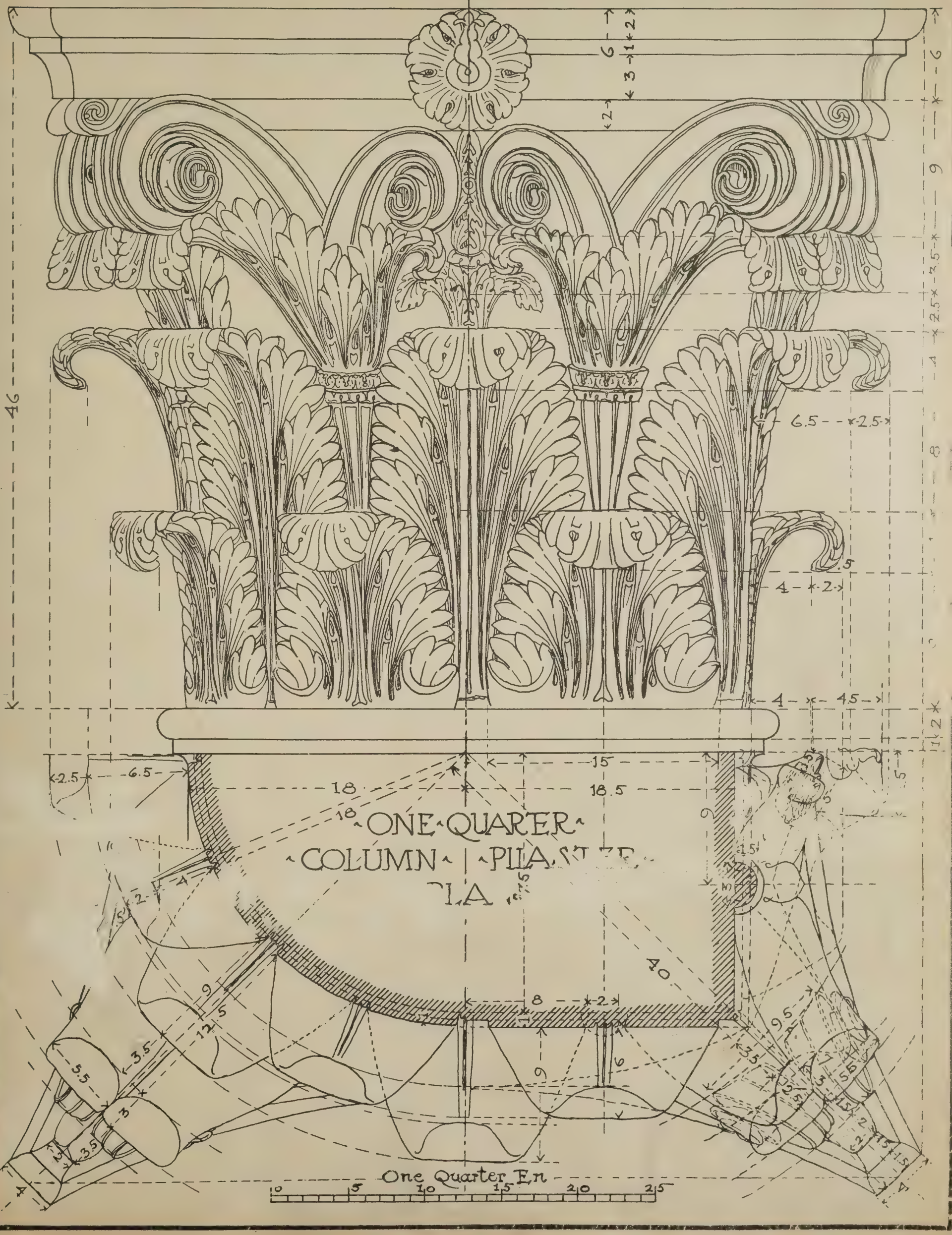
CORINTHIAN CAPITAL



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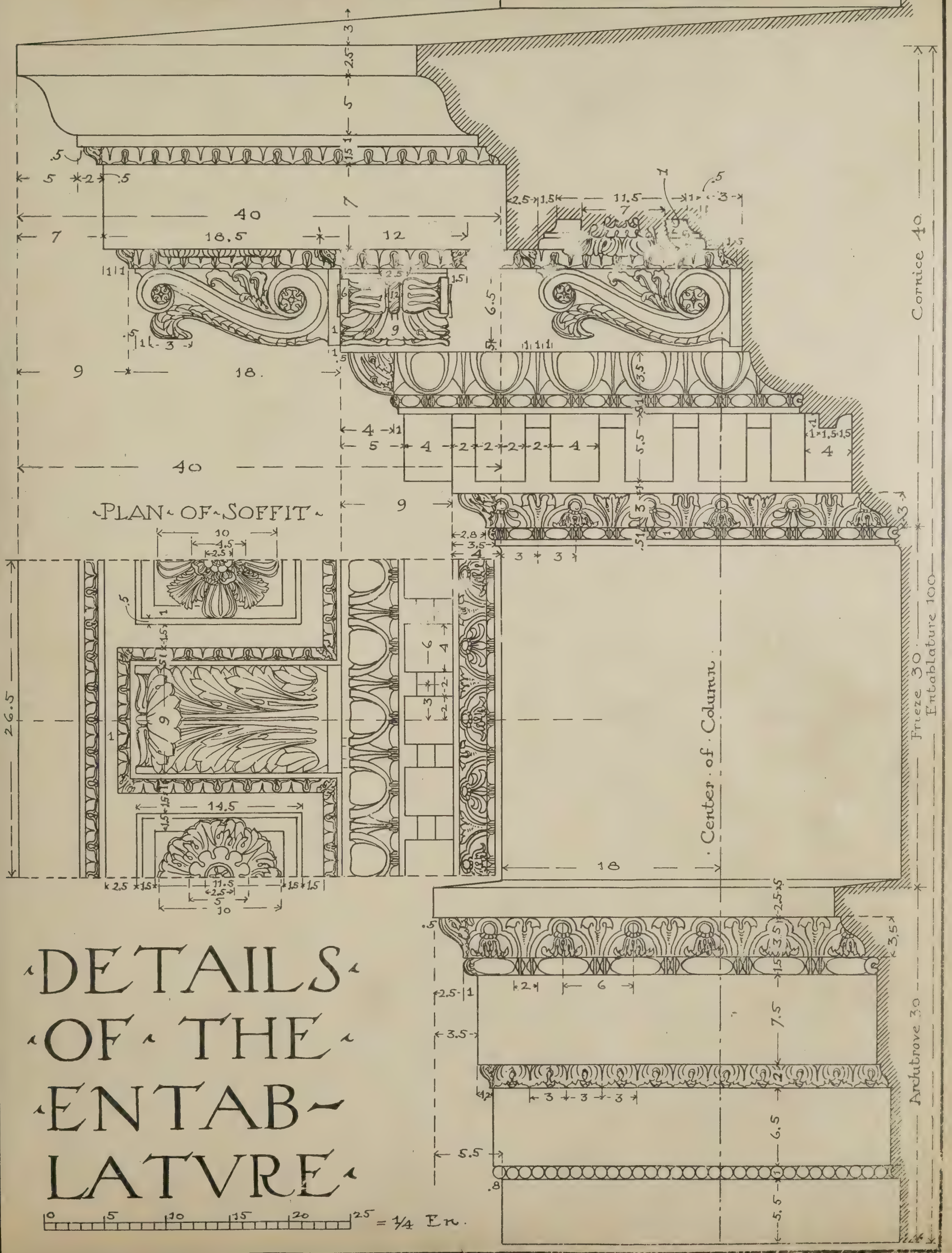
CORINTHIAN ORDER



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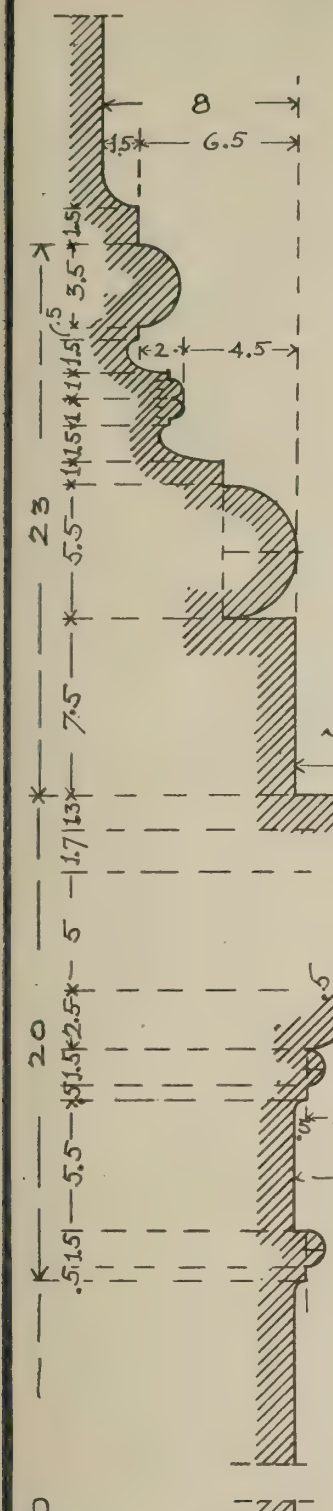
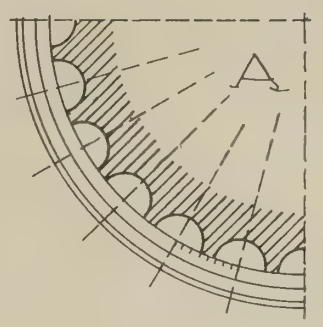
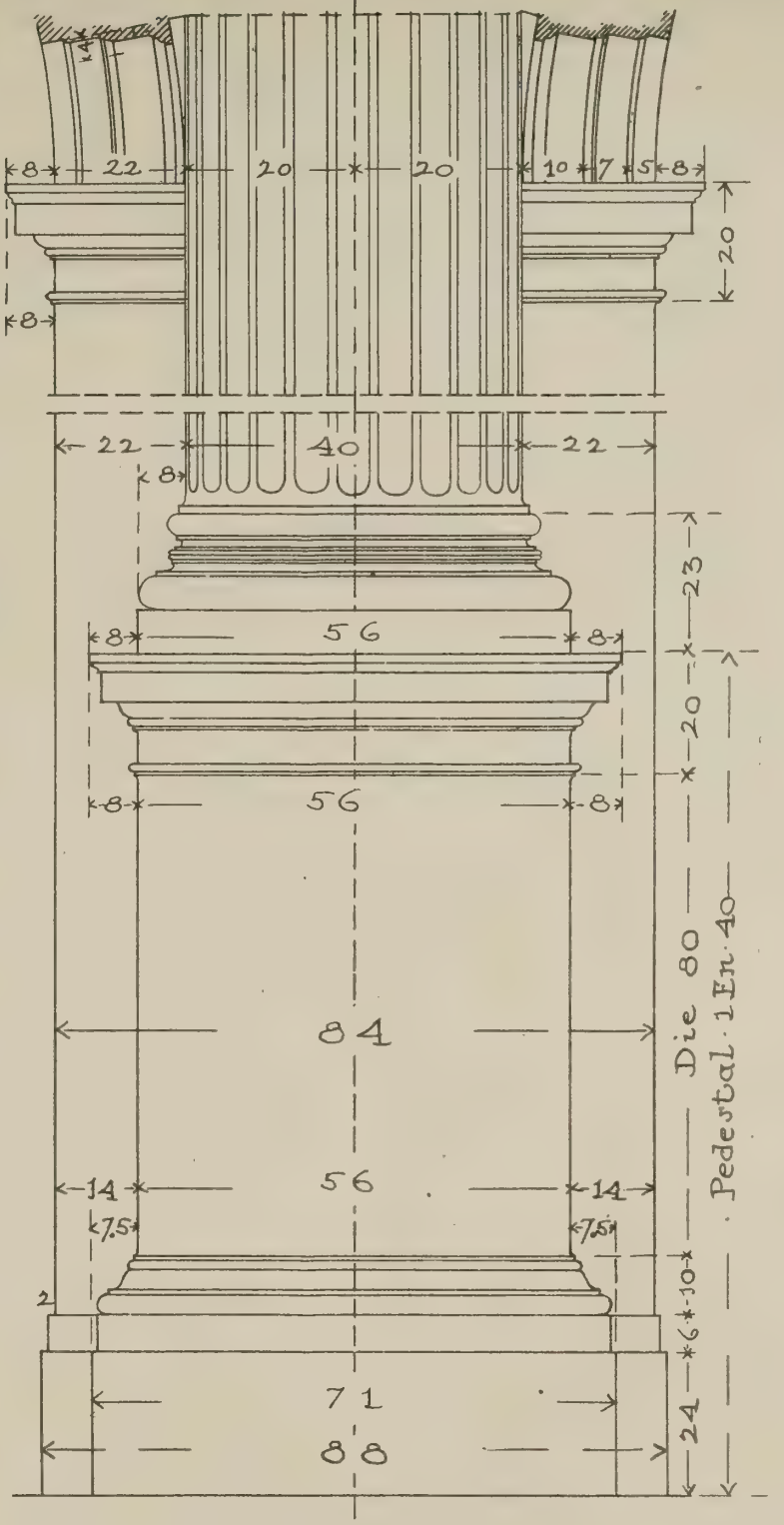
CORINTHIAN DETAILS



BASE





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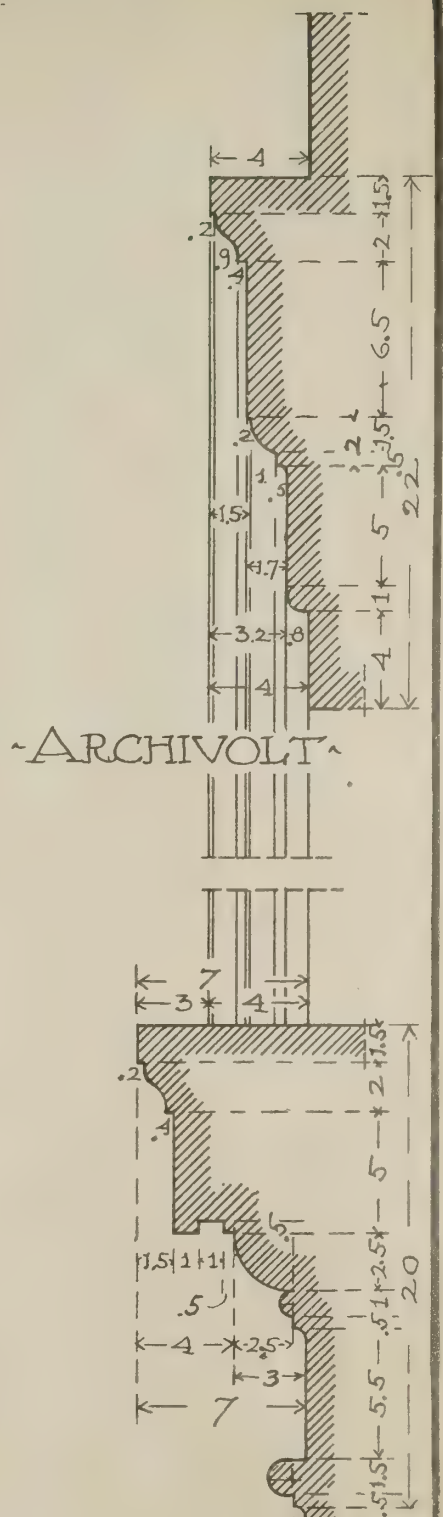
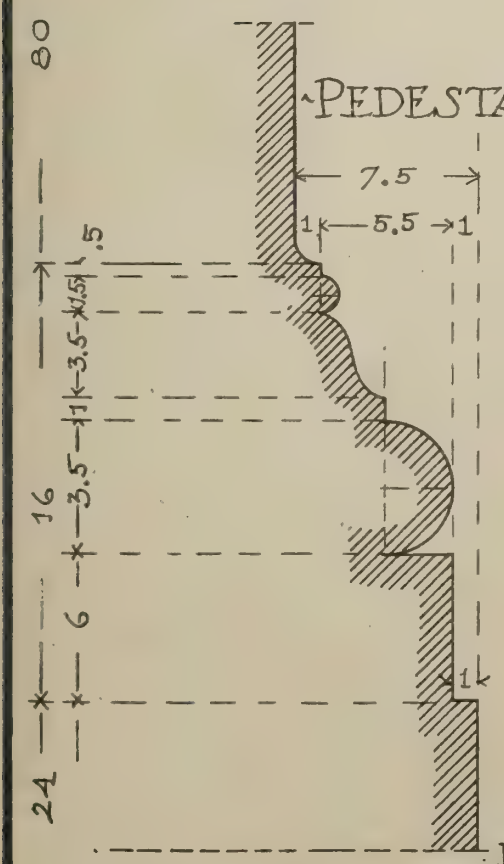
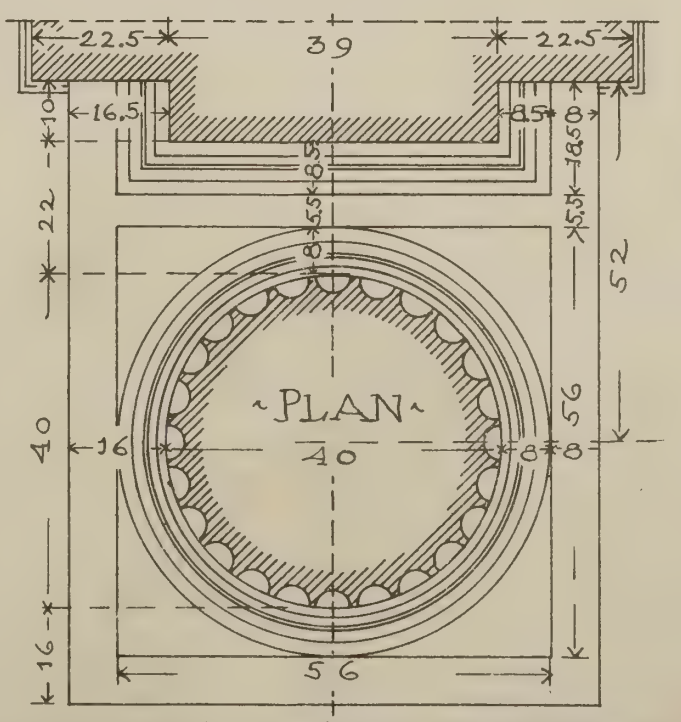


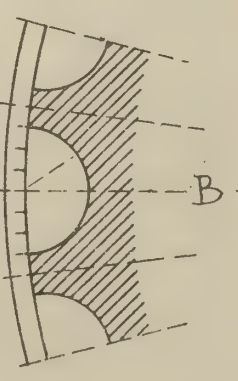
ARCHIVOLT

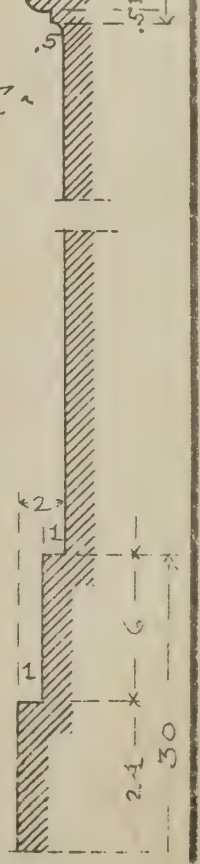


PEDESTAL



PLAN





IMPOST

Measure of 0 10 20 30 40 50 60 70 80 90 100 One Entablature

PEDESTAL & IMPOST

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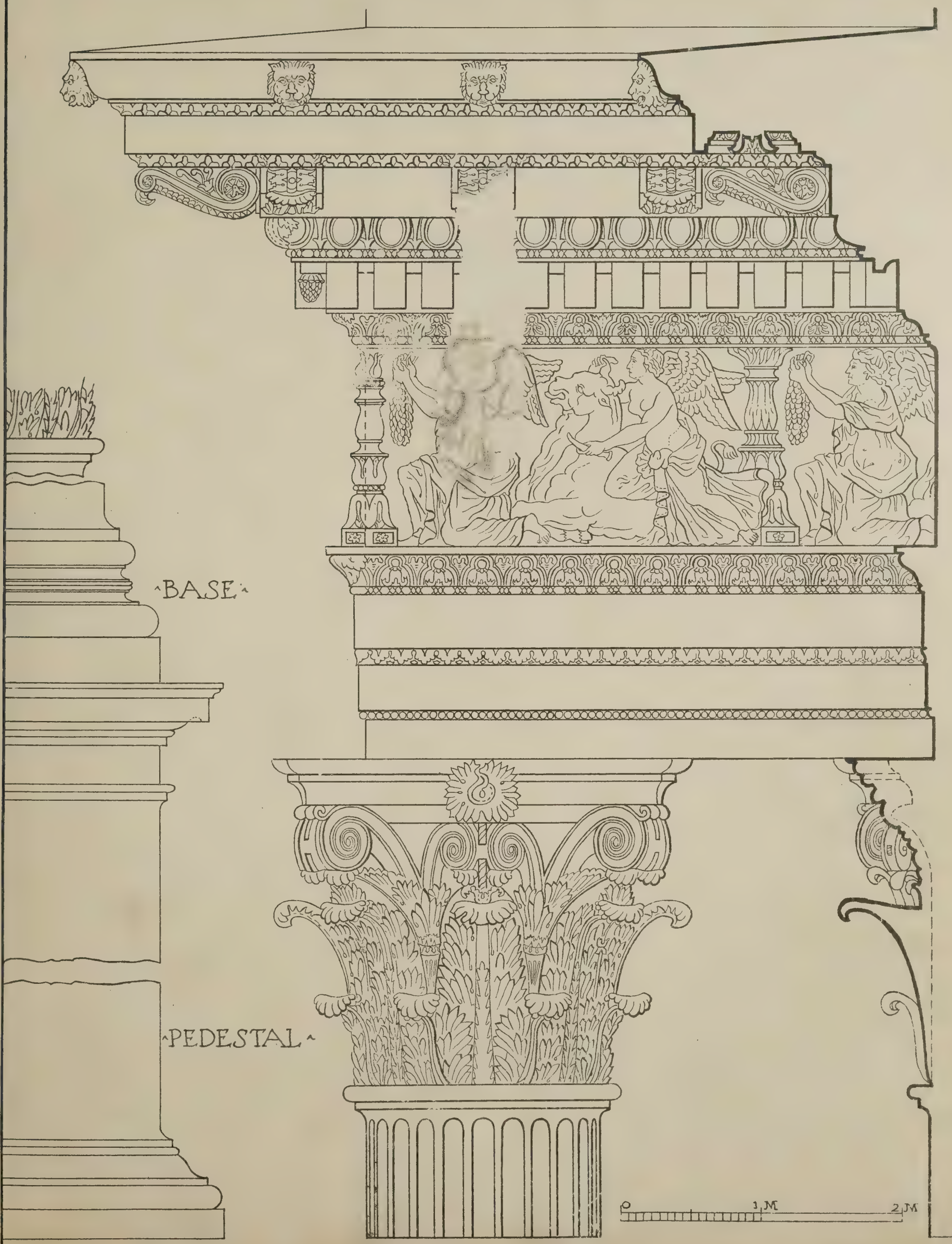
ROMAN CORINTHIAN ORDER



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ROMAN CORINTHIAN OF PALLADIO

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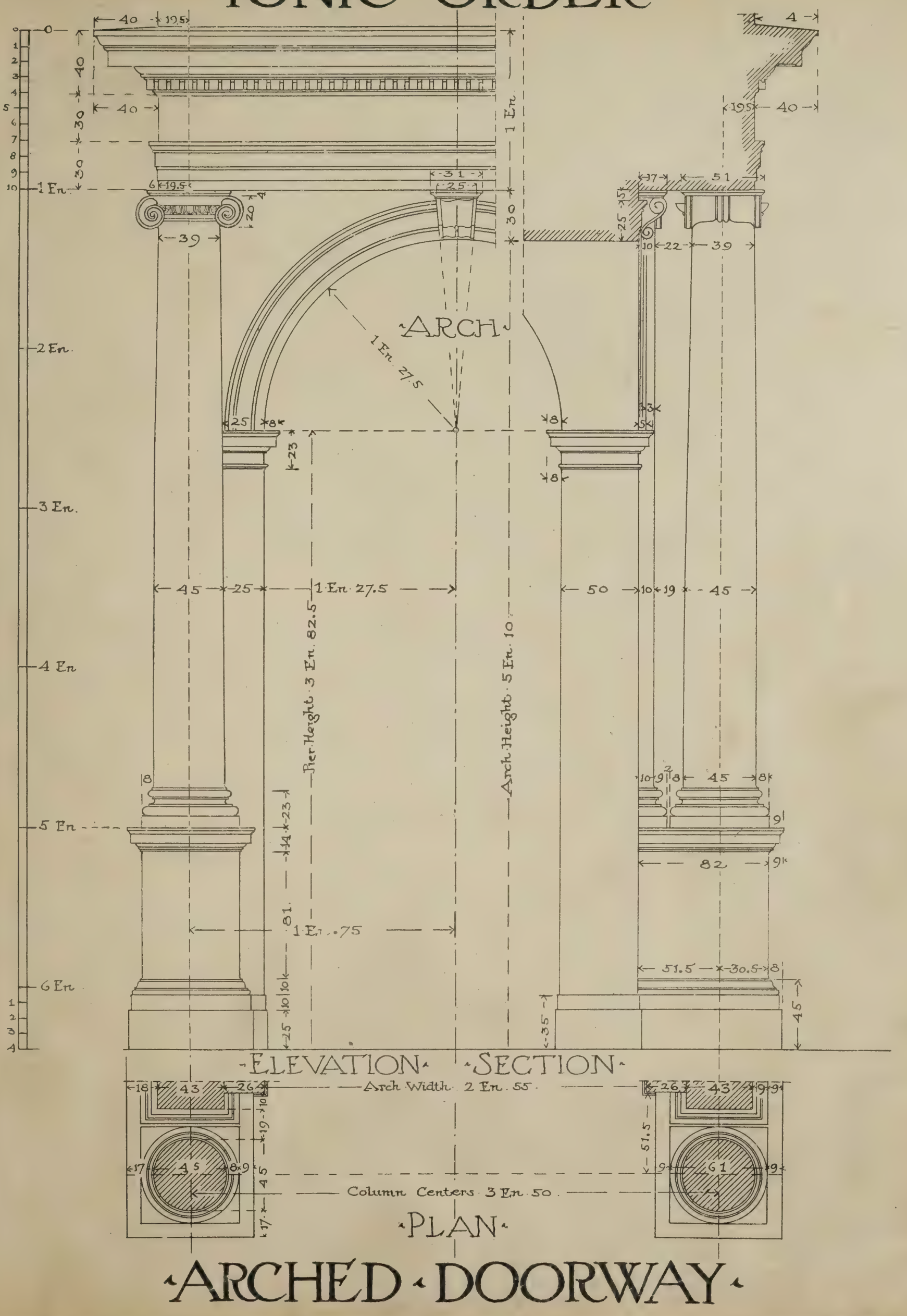
IONIC ORDER



ARCHED DOORWAY

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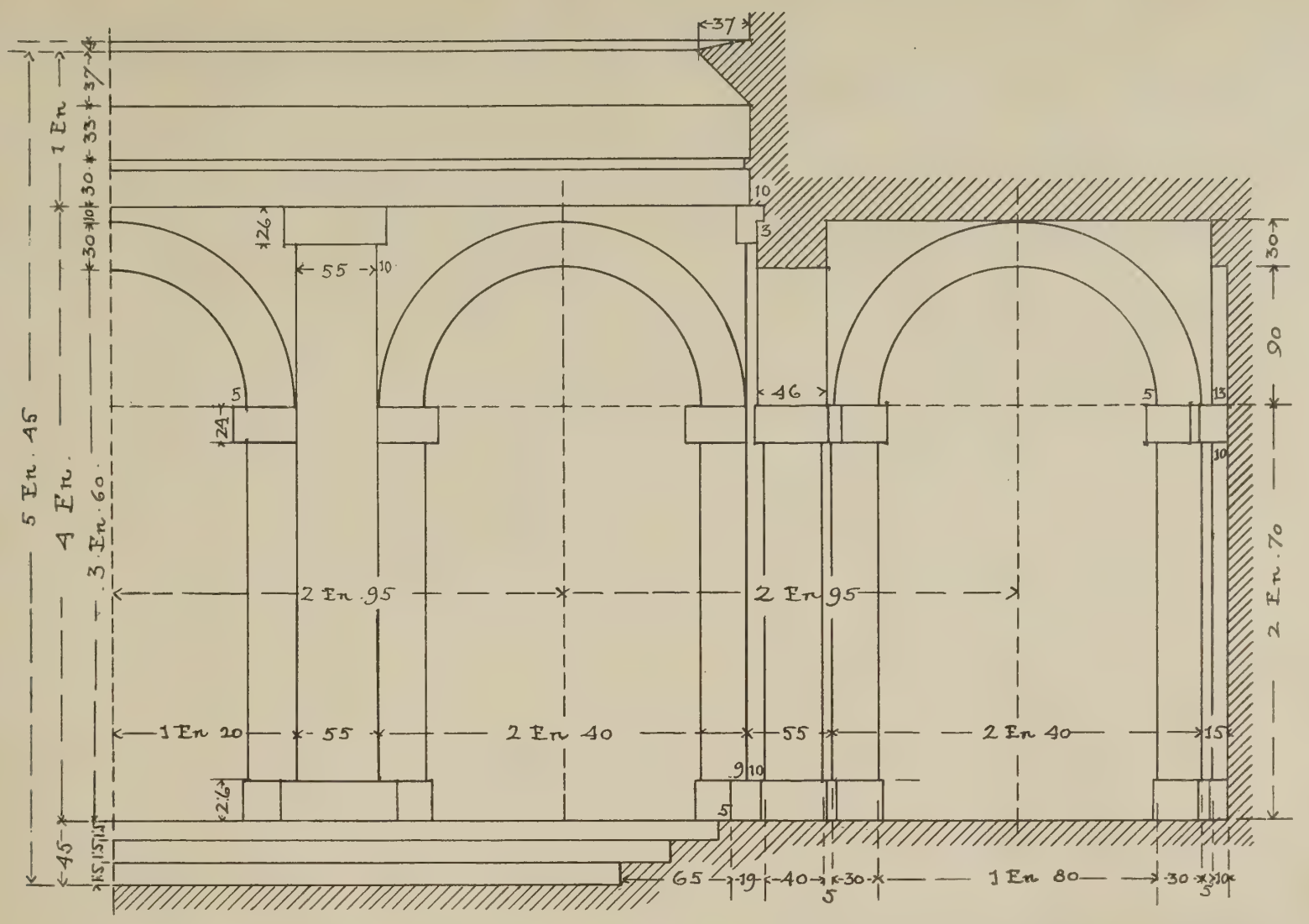
TVSCAN ORDER



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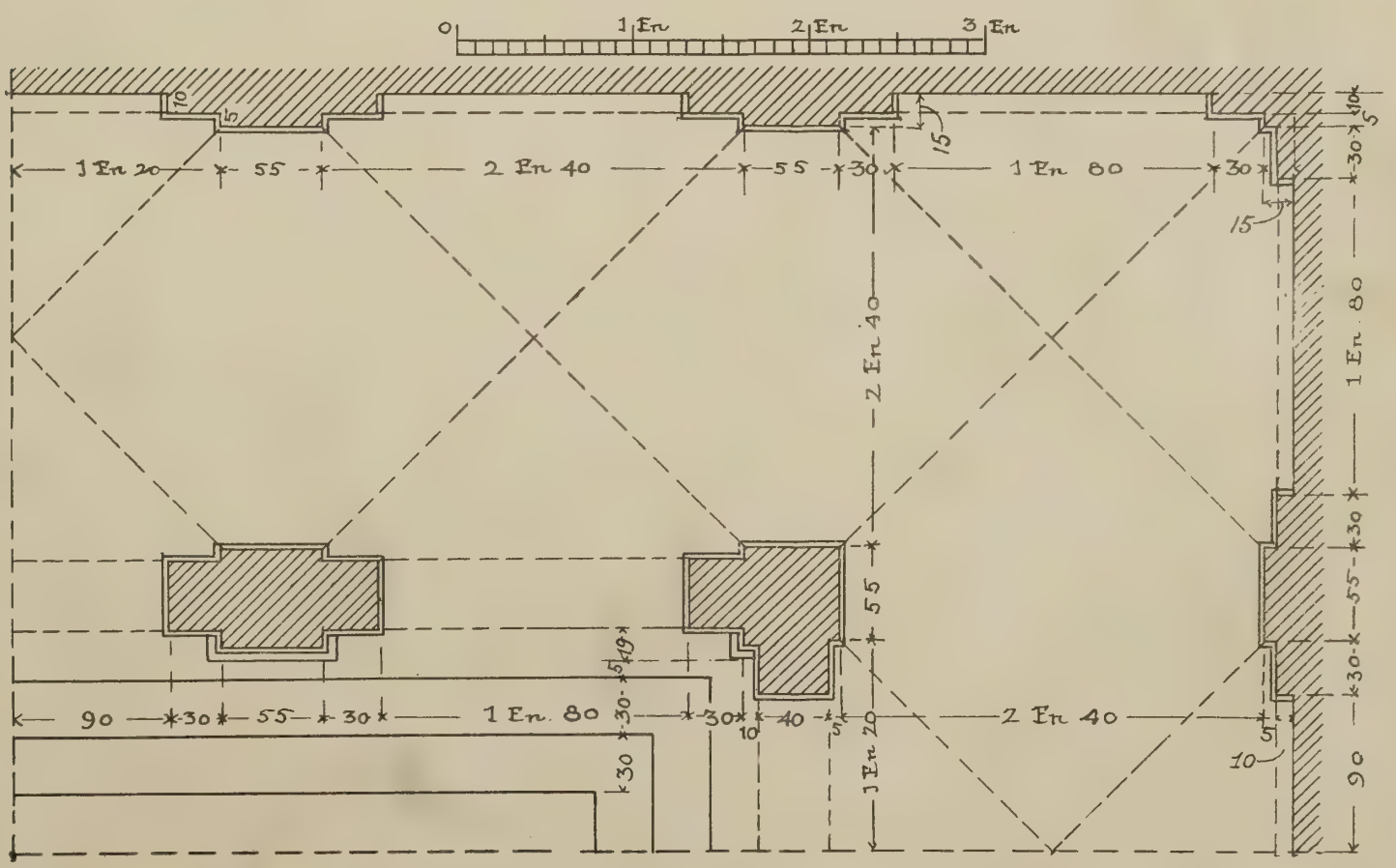

PLAN

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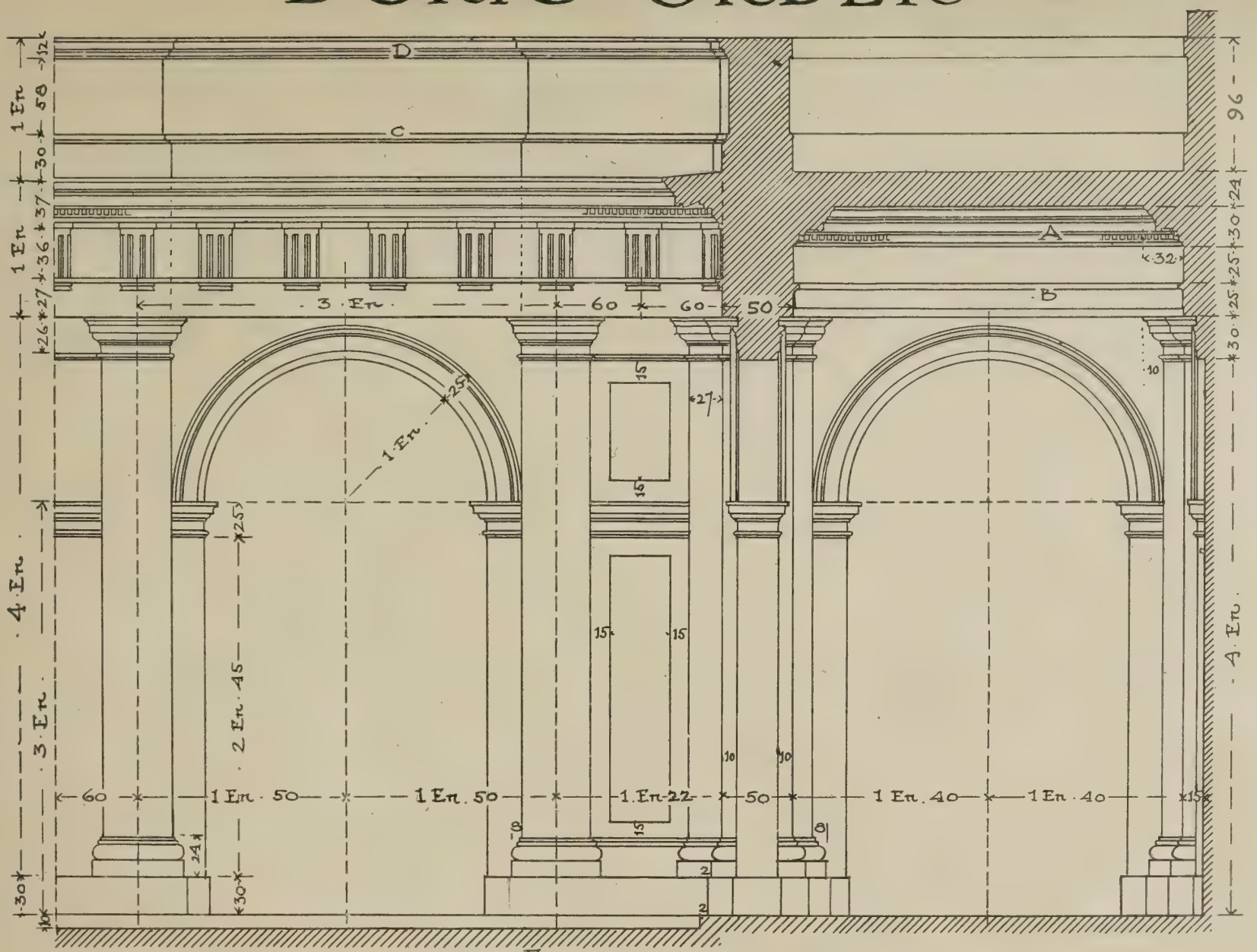
DORIC ORDER



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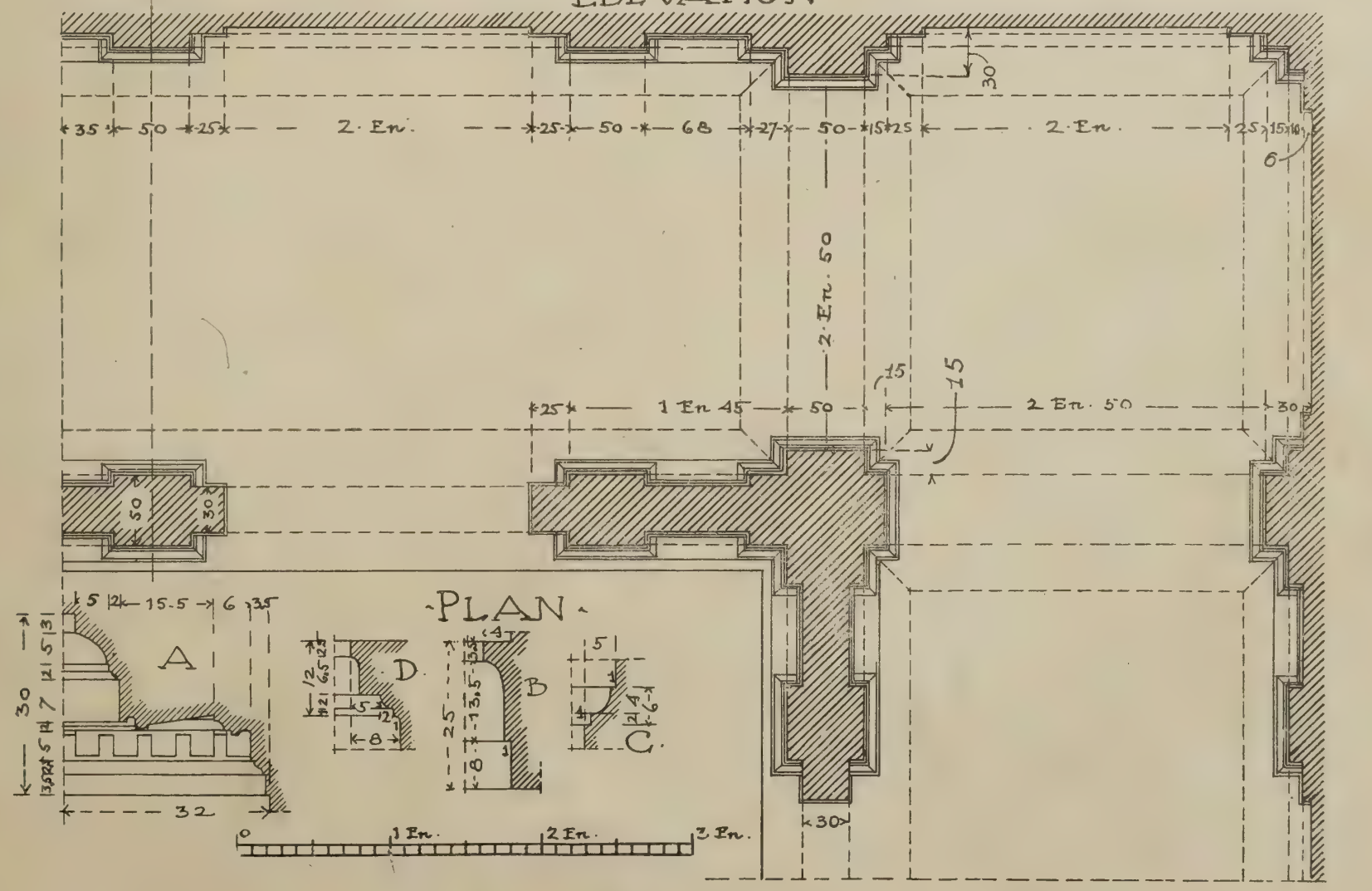

GALLERY WITH ARCHES

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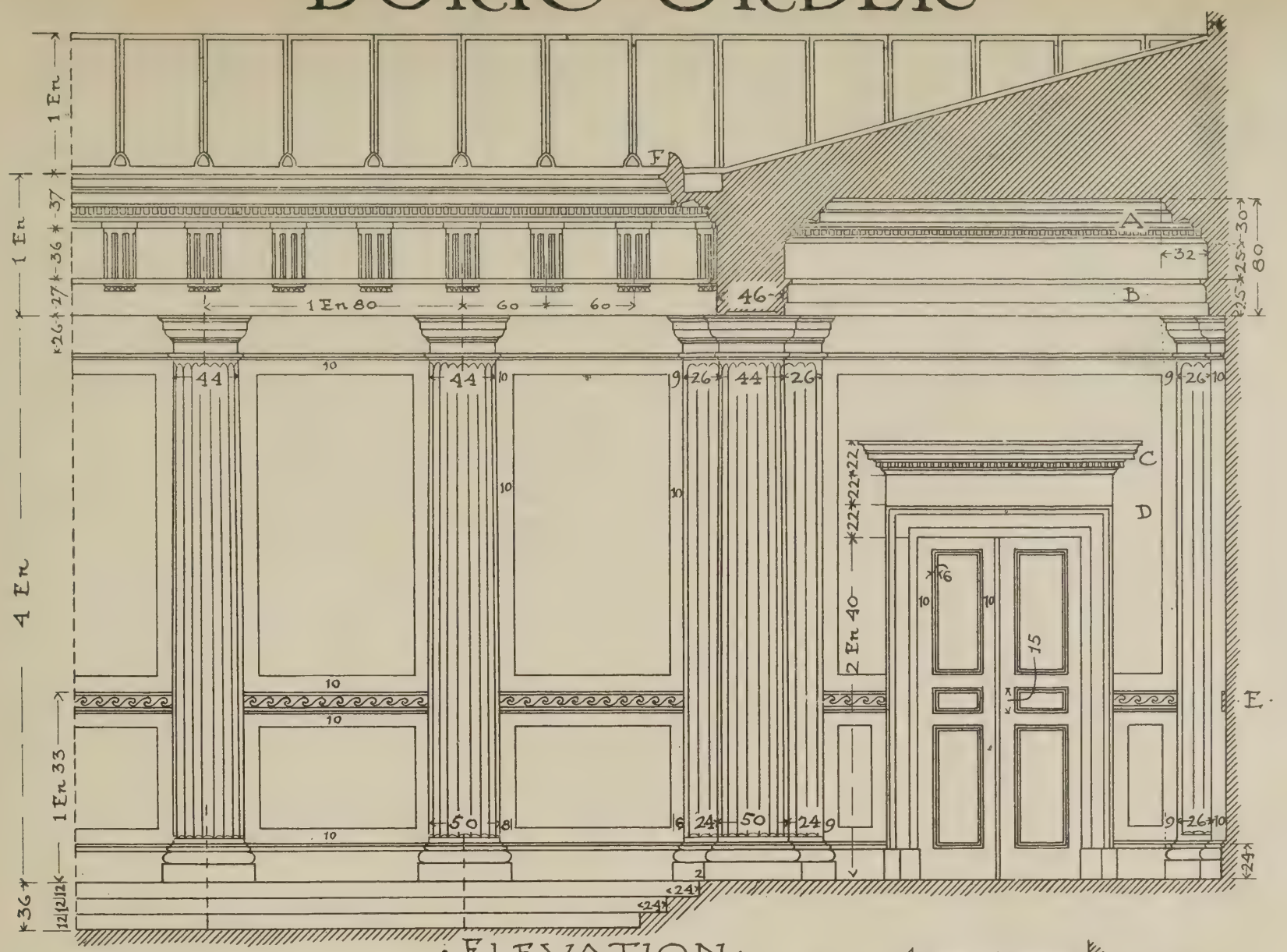

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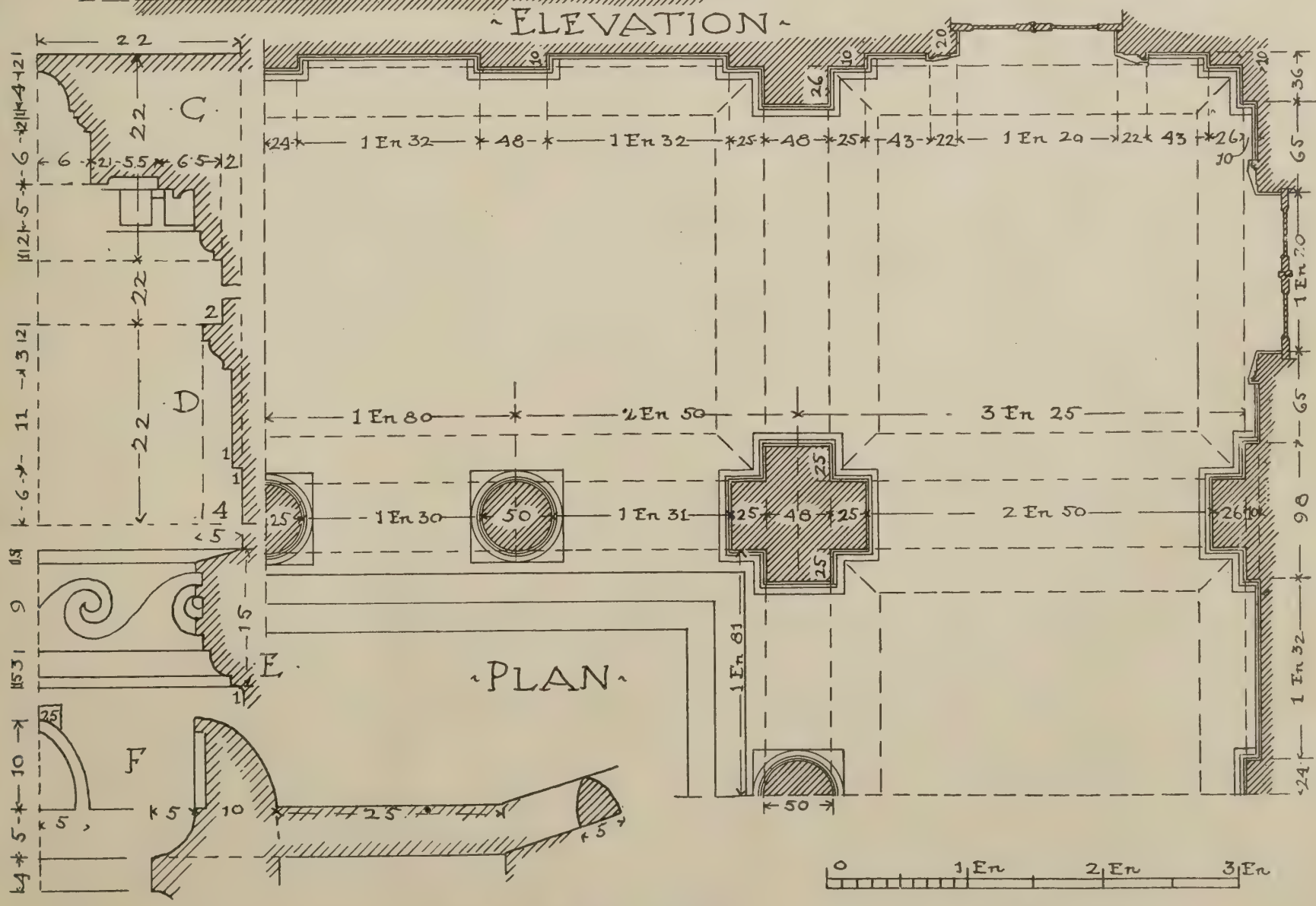

PLAN

COLONNADED GALLERY

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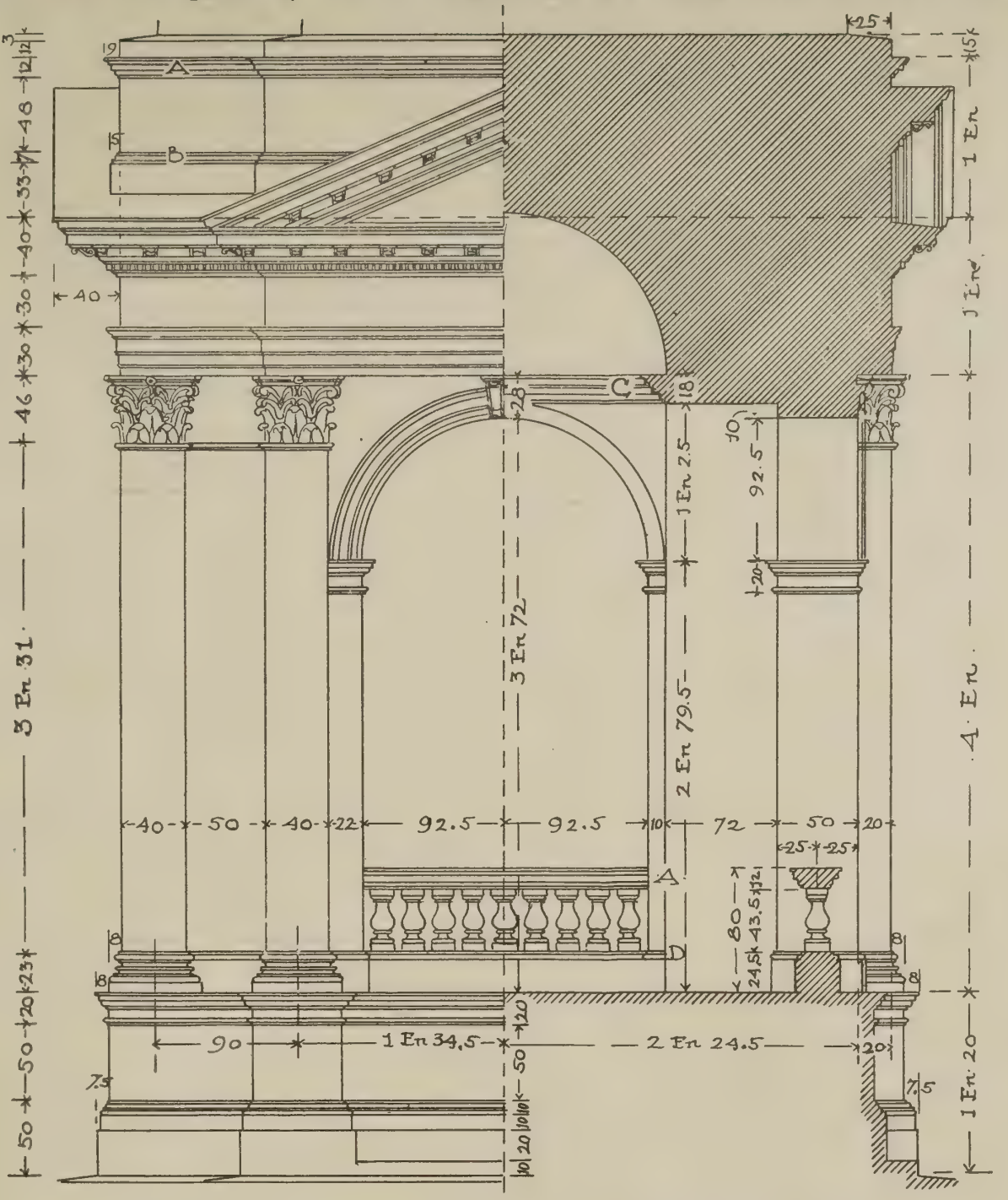
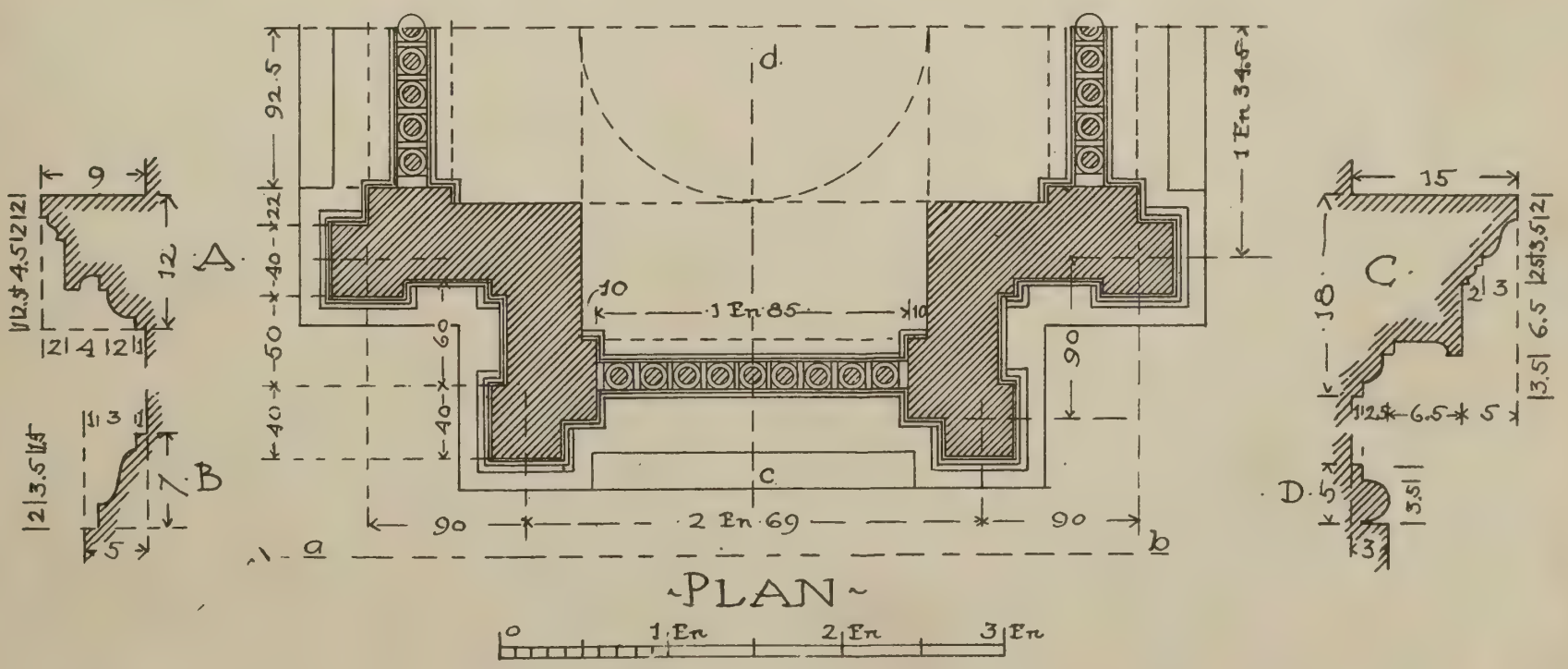
CORINTHIAN ORDER



ELEVATION A-B SECTION C-D



PLAN

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CAMPANILE

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TVSCAN ORDER

ELEVATION

SECTION

PLAN

GVARD-HOVSE

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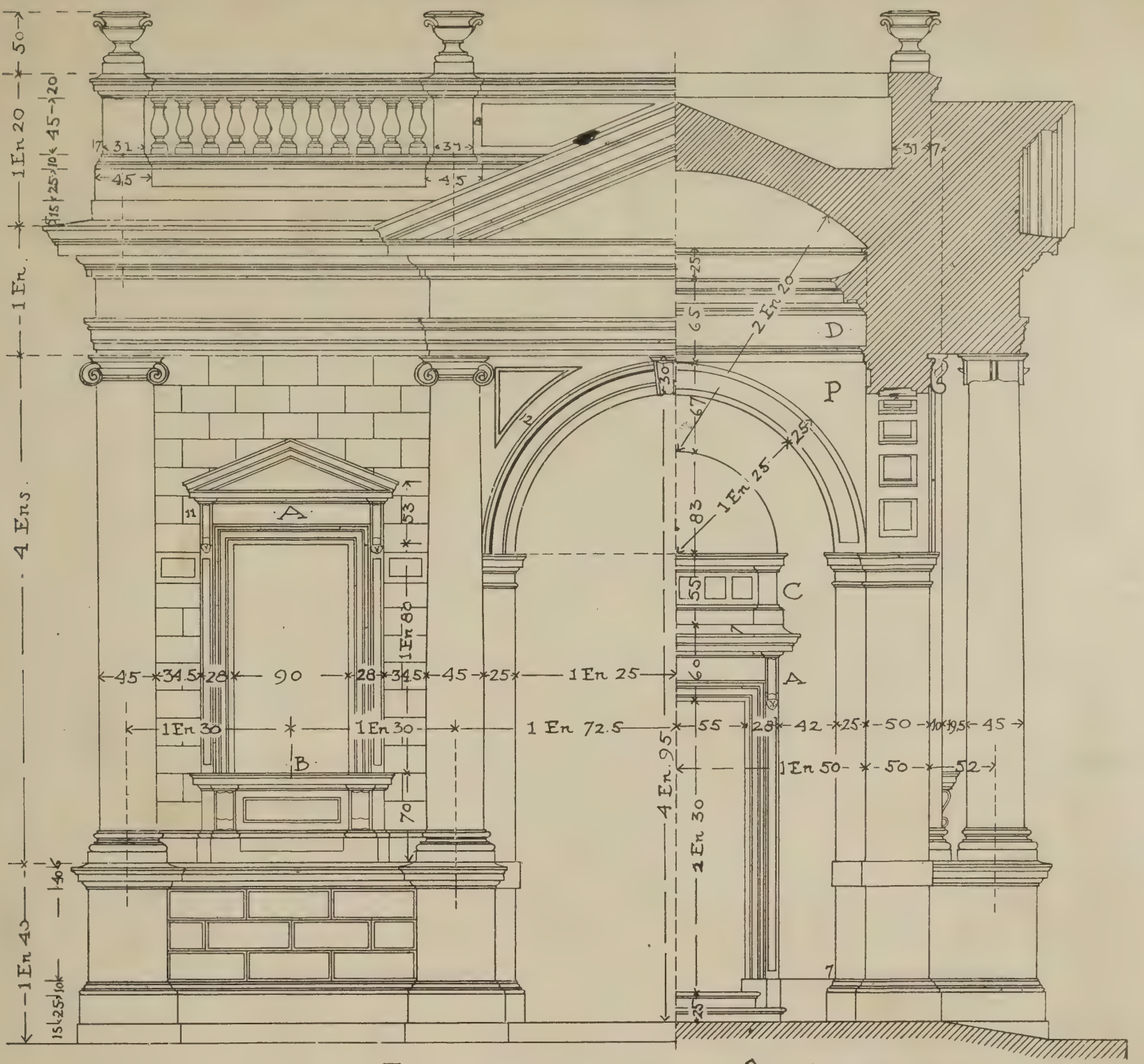
IONIC ORDER



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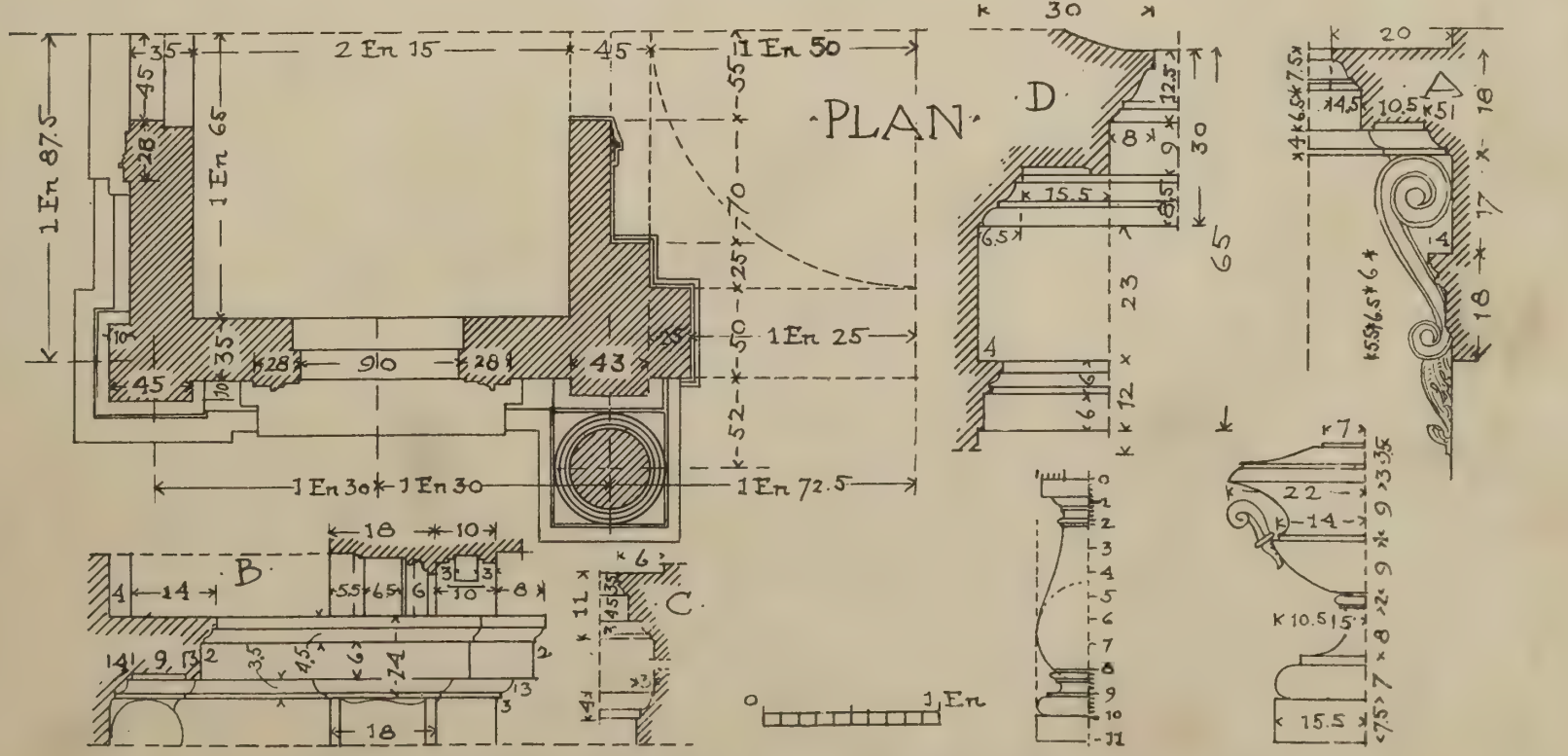
SECTION



ENTRANCE MOTIVE

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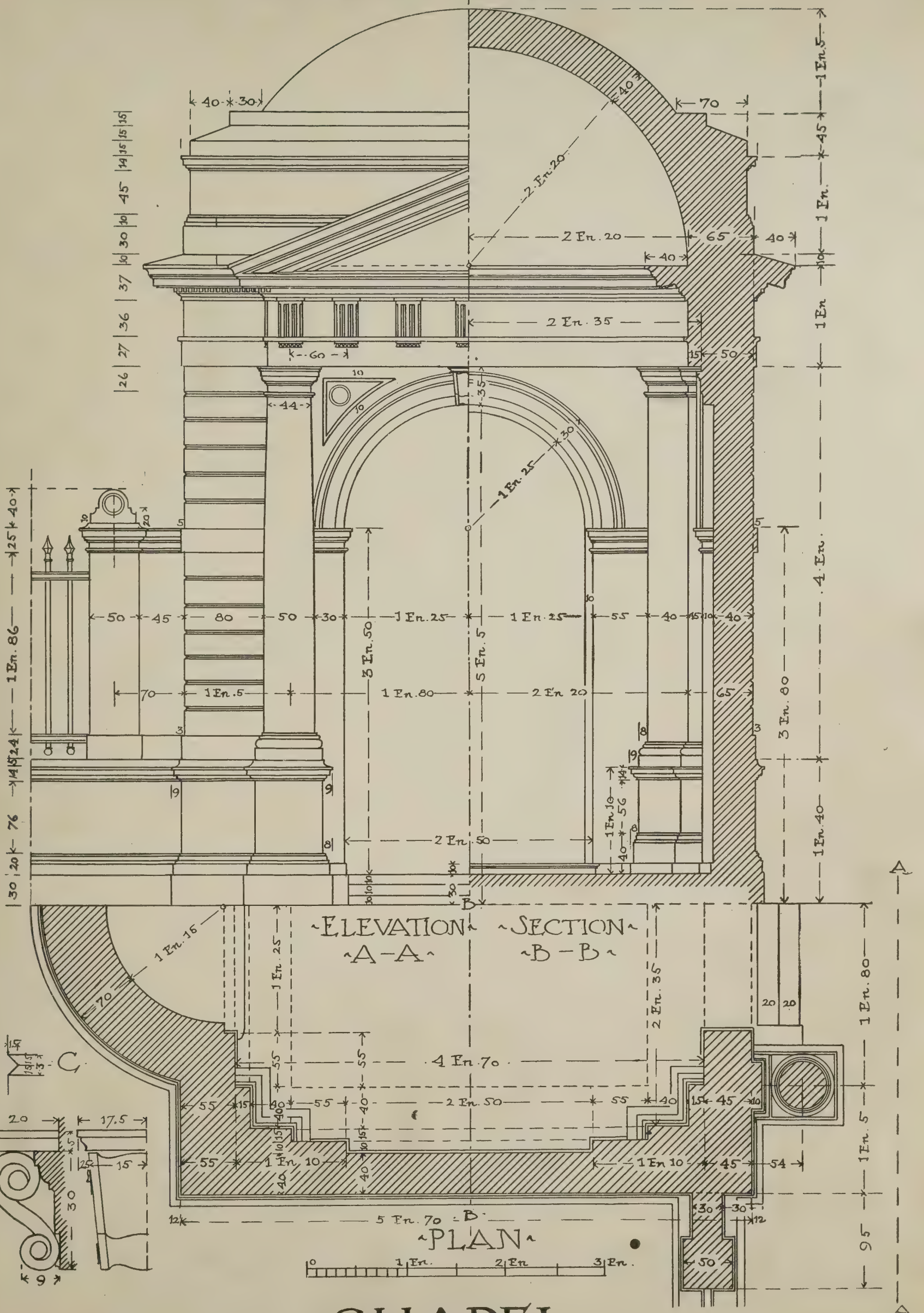
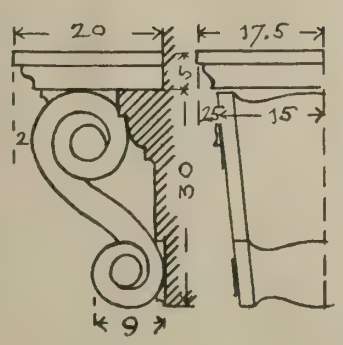
DORIC ORDER





CHAPEL

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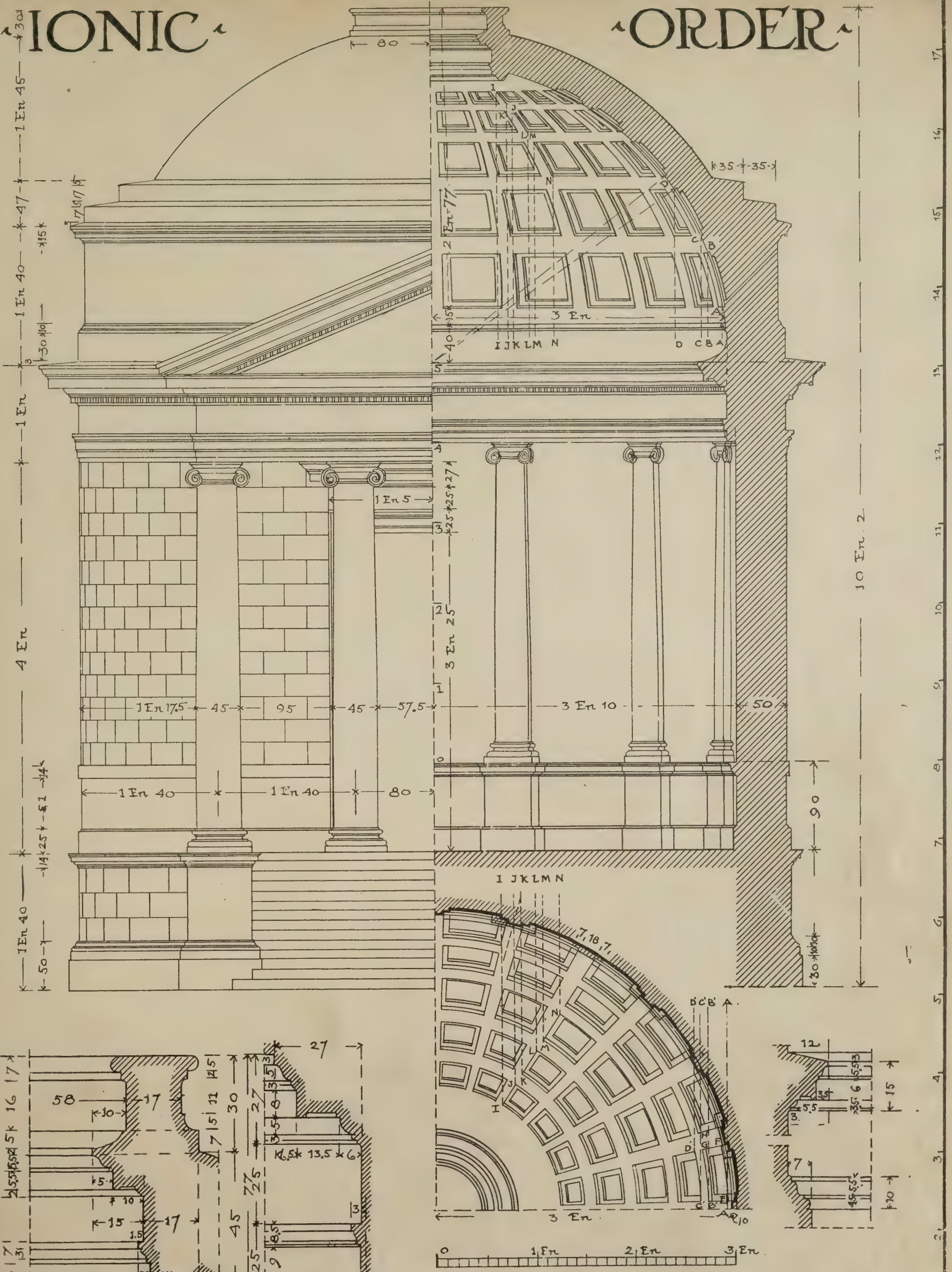
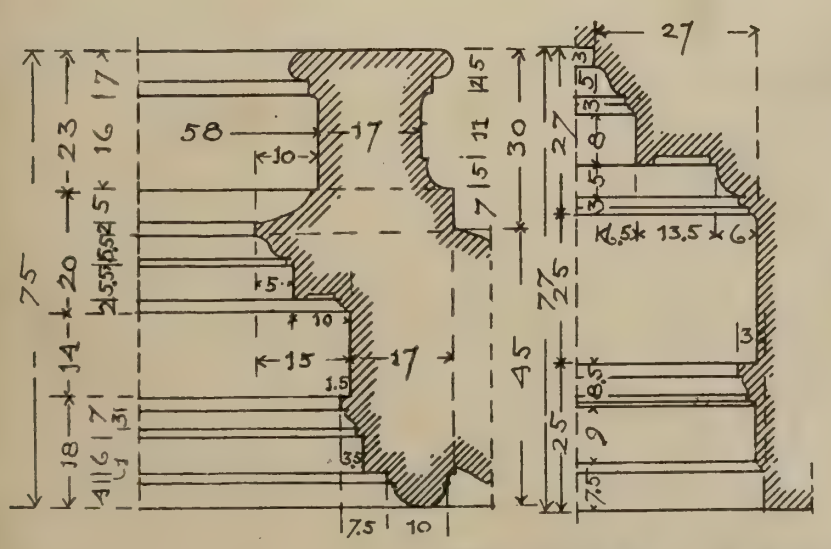
IONIC ORDER





ROVND TEMPLE

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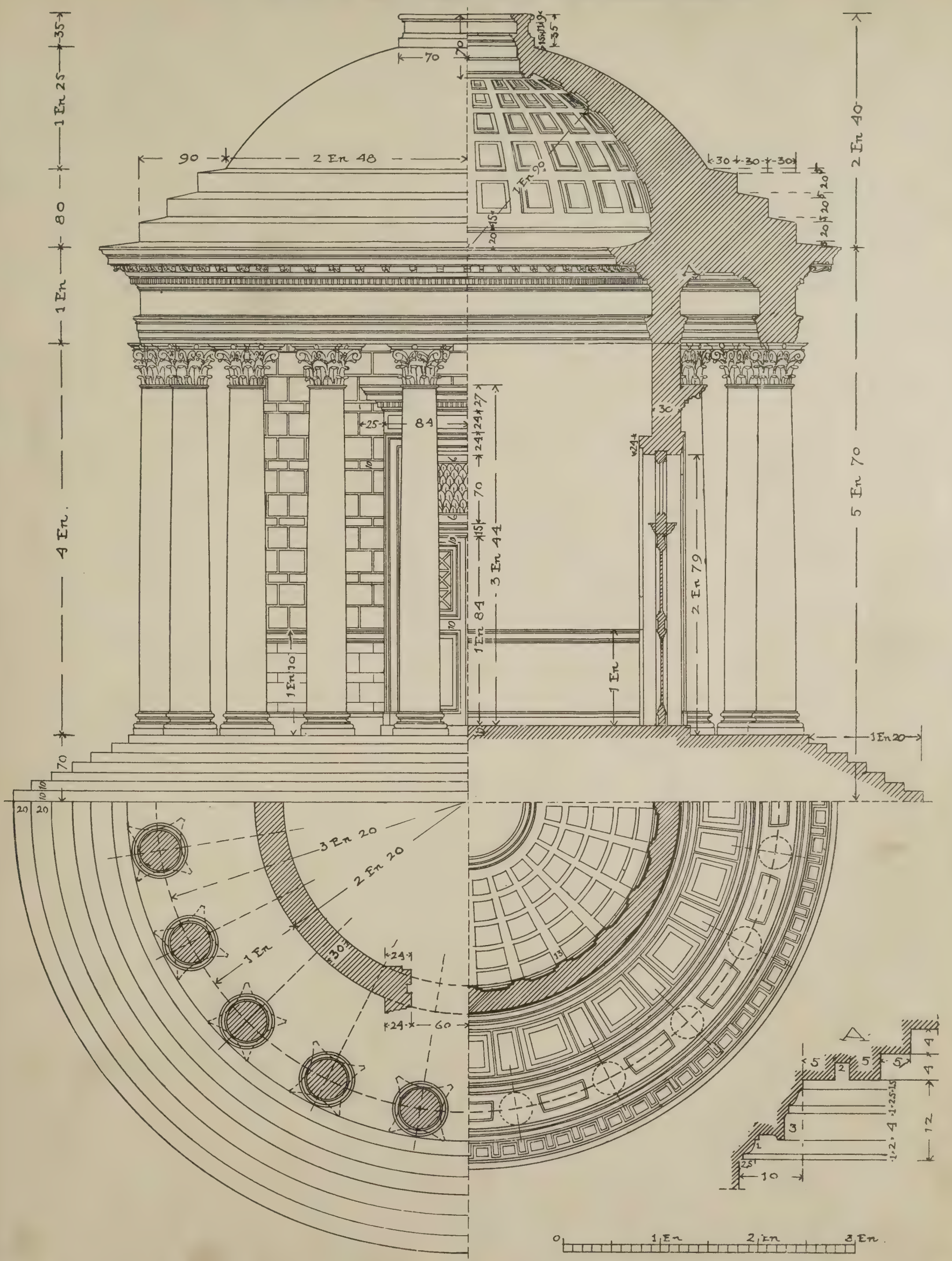
CORINTHIAN ORDER



CIRCVLAR TEMPLE

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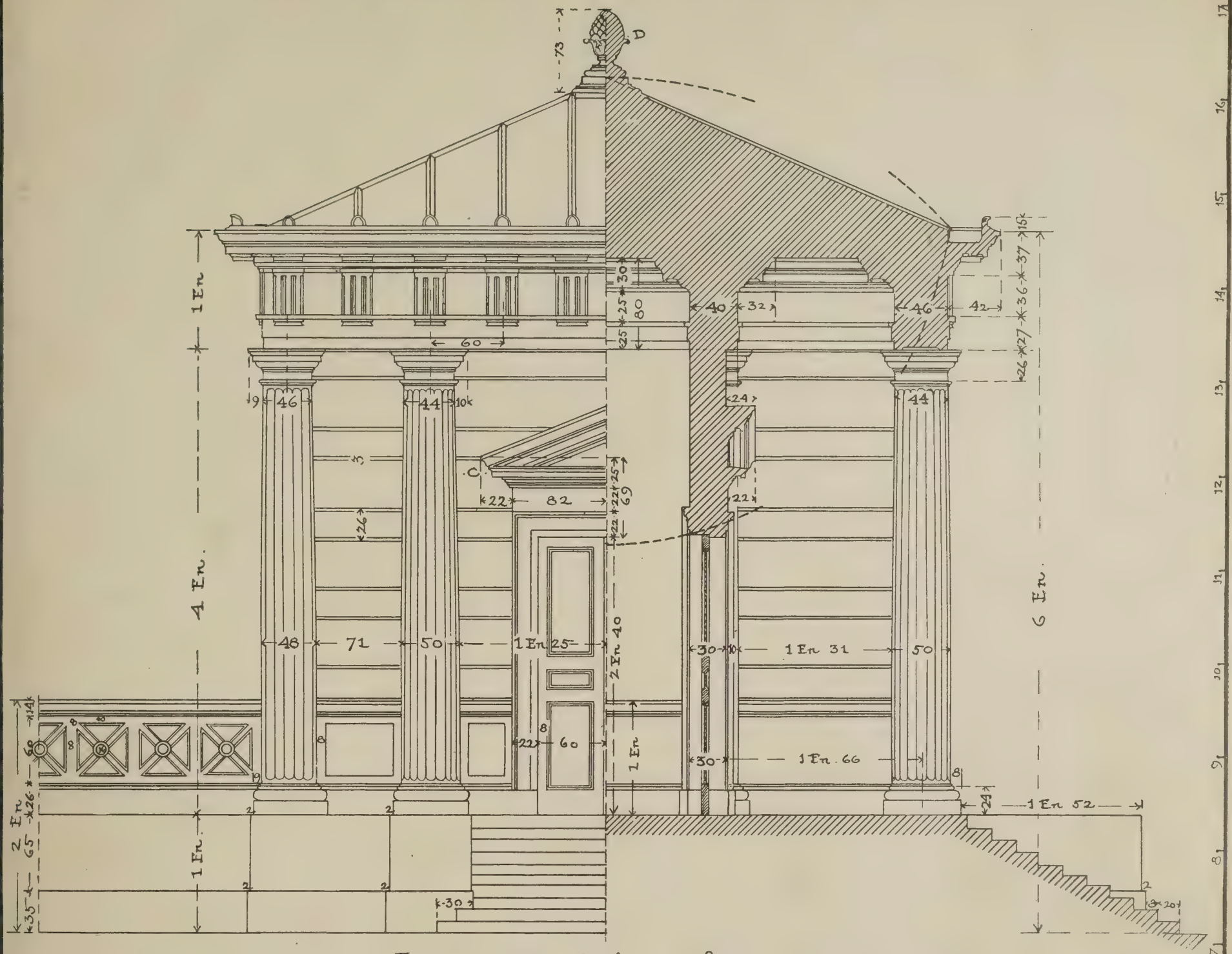
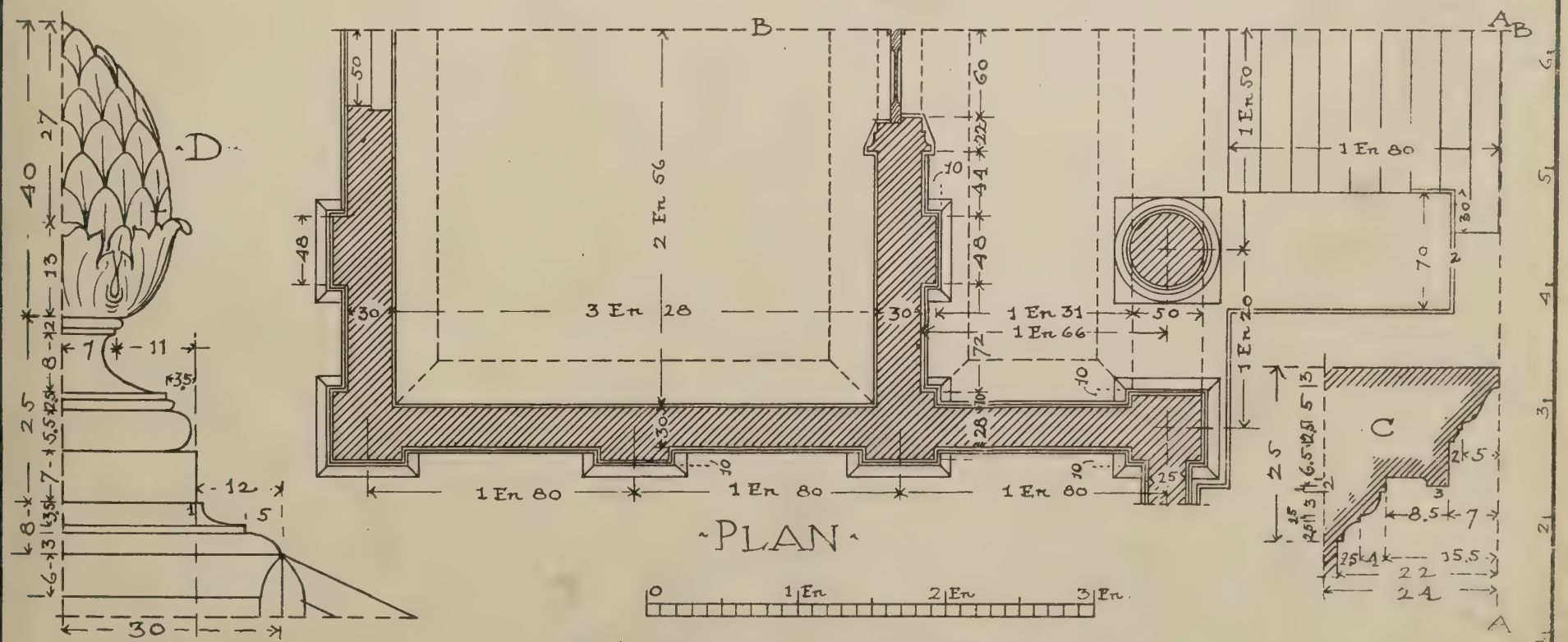
DORIC ORDER



ELEVATION A-A SECTION B-B



PAVILION

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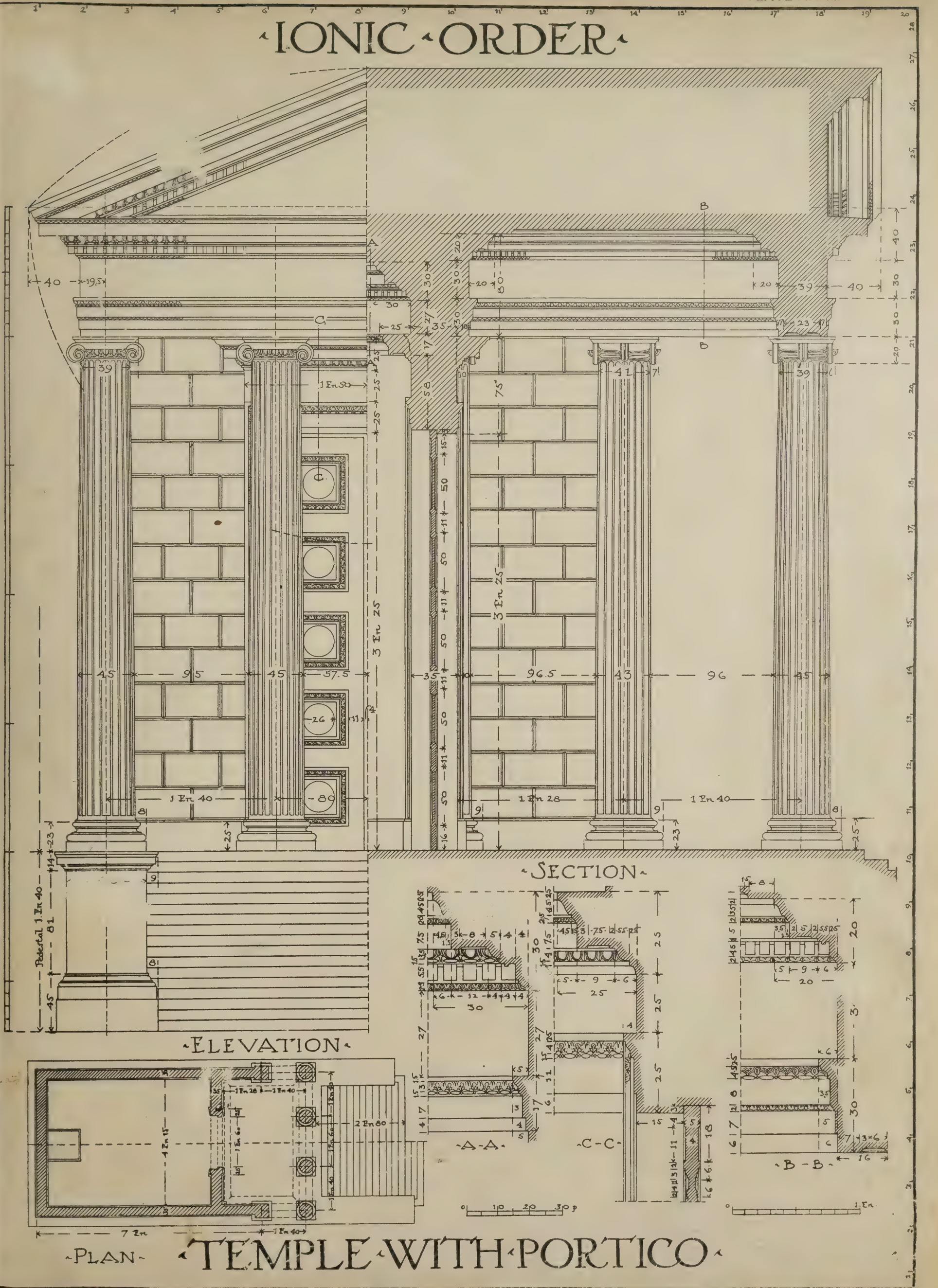

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CORINTHIAN ORDER
A MONUMENTAL APPROACH

ELEVATION

SECTION

PLAN

AN ENTRANCE

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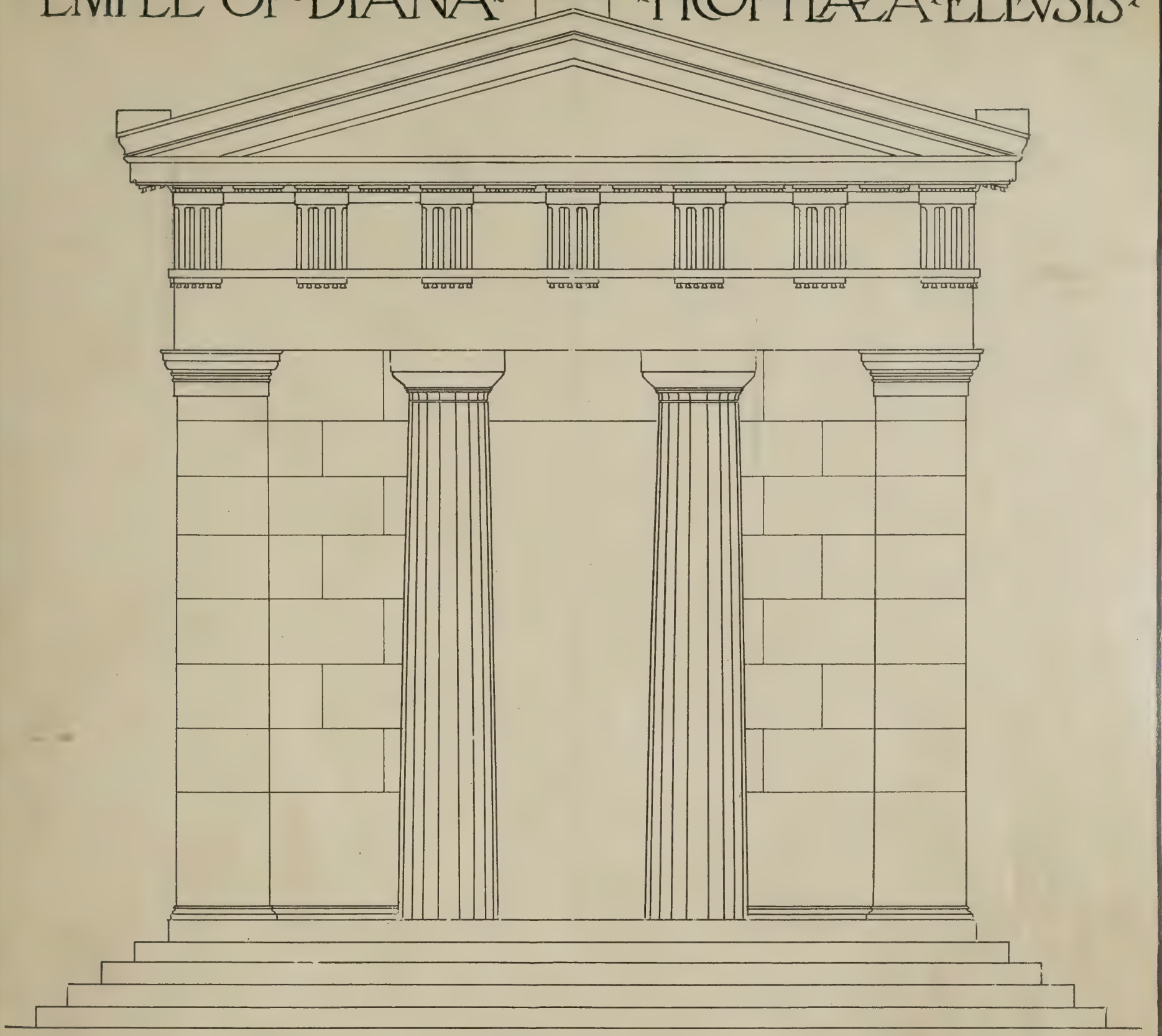
TEMPLE OF DIANA — PROPYLÆA ELEVSIS



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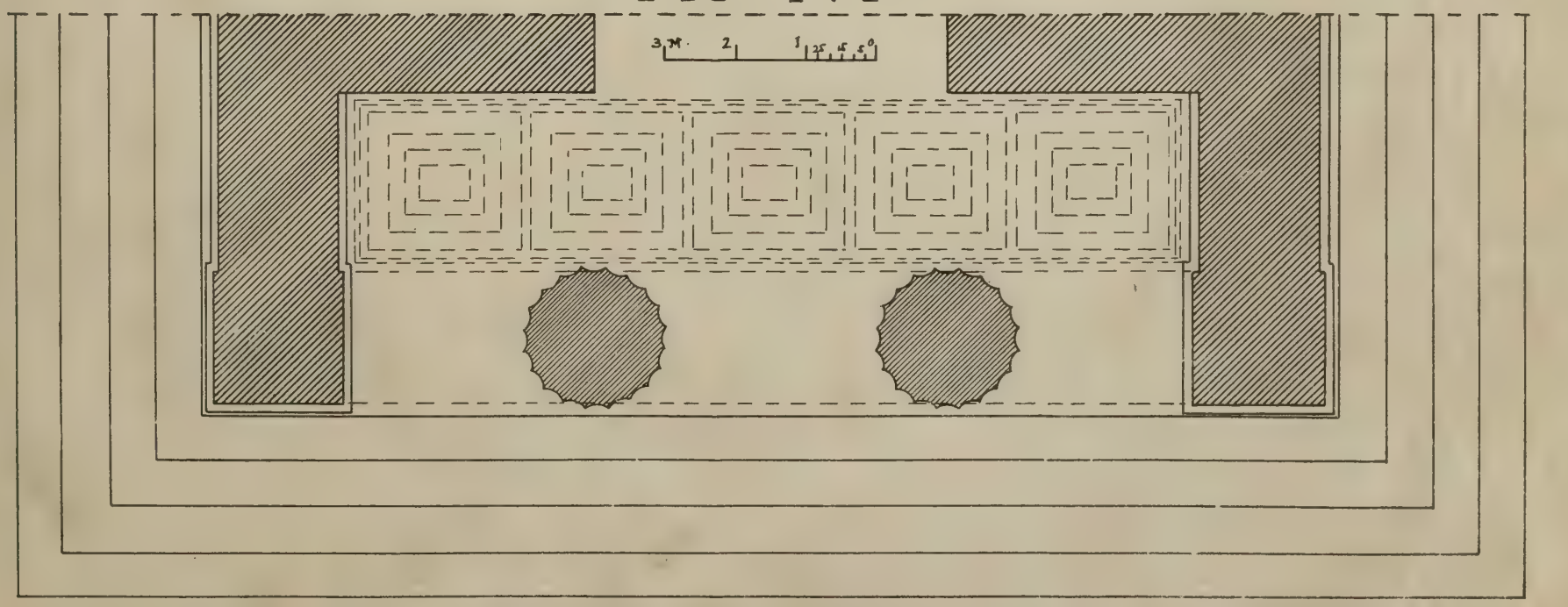

PLAN OF PORCH

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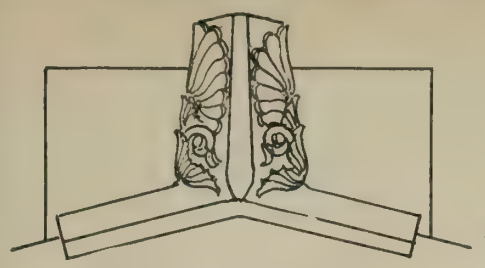
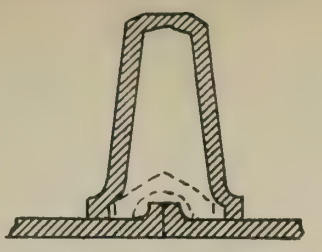
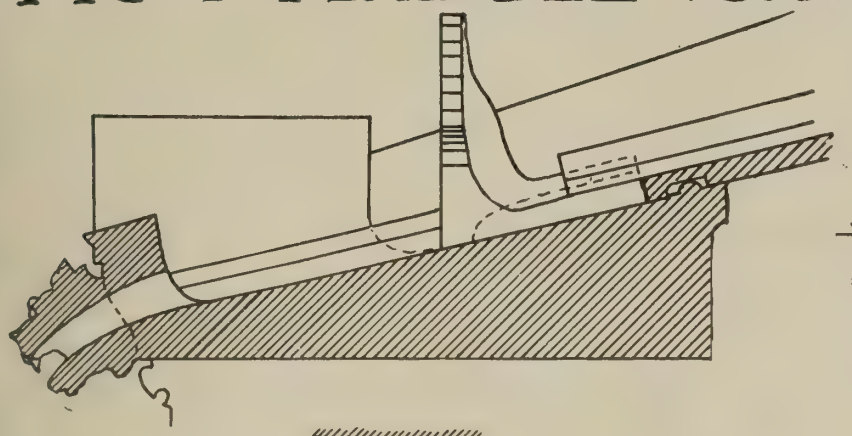
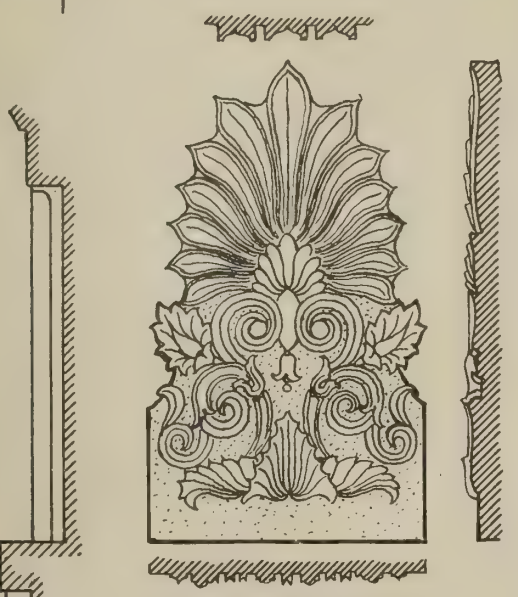
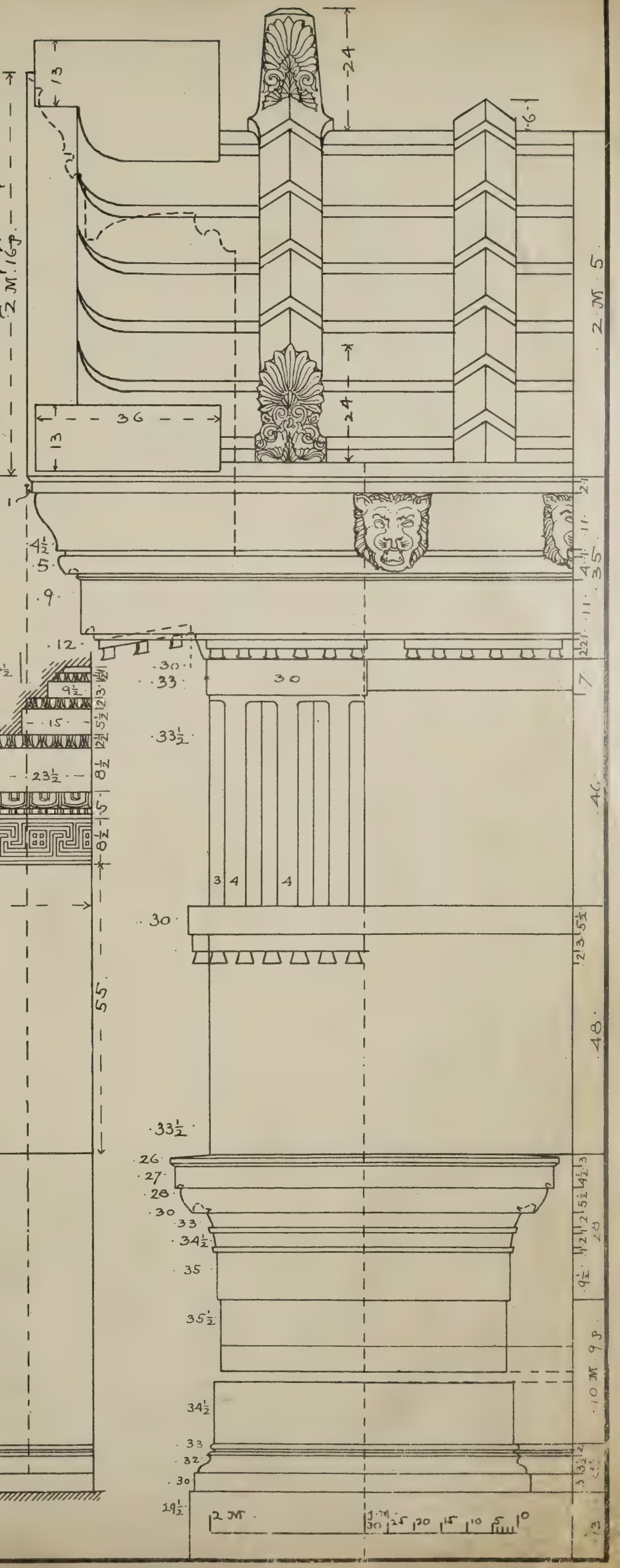




DETAILS OF THE TEMPLE OF DIANA PROPYLÆA ELEVSIS







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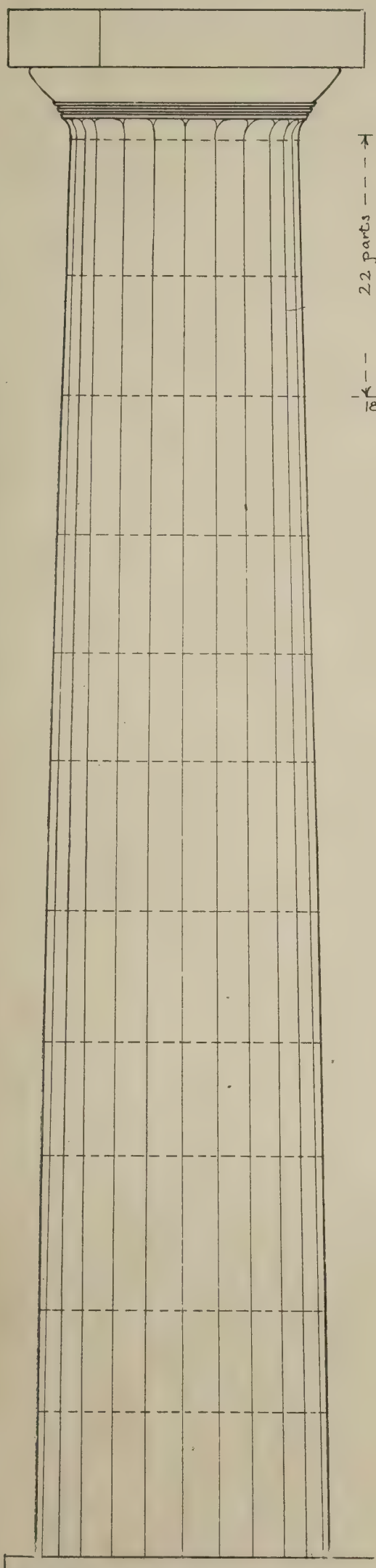
GREEK DORIC AND IONIC COLUMNS



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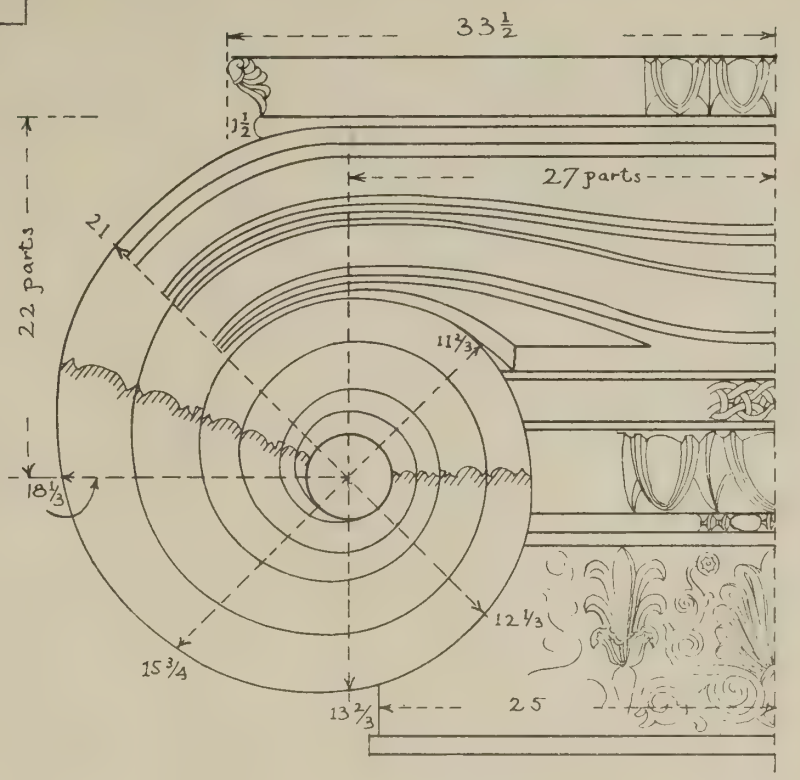

IONIC CAPITAL
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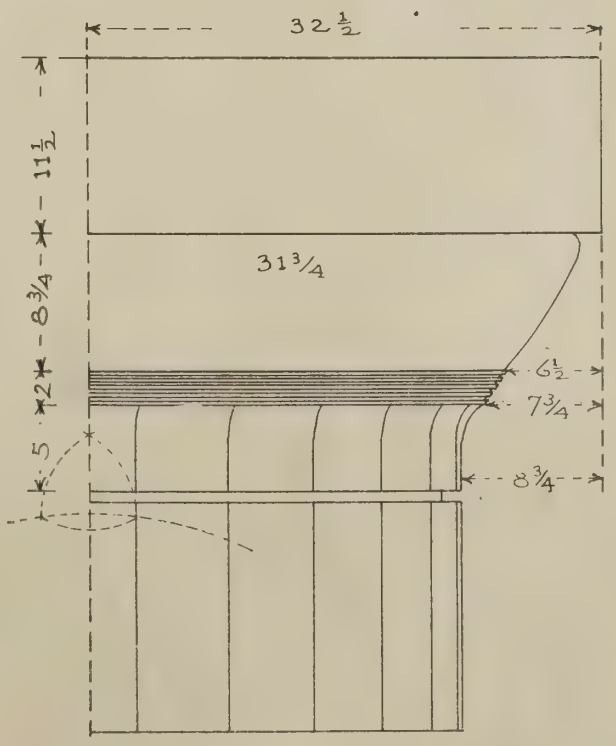
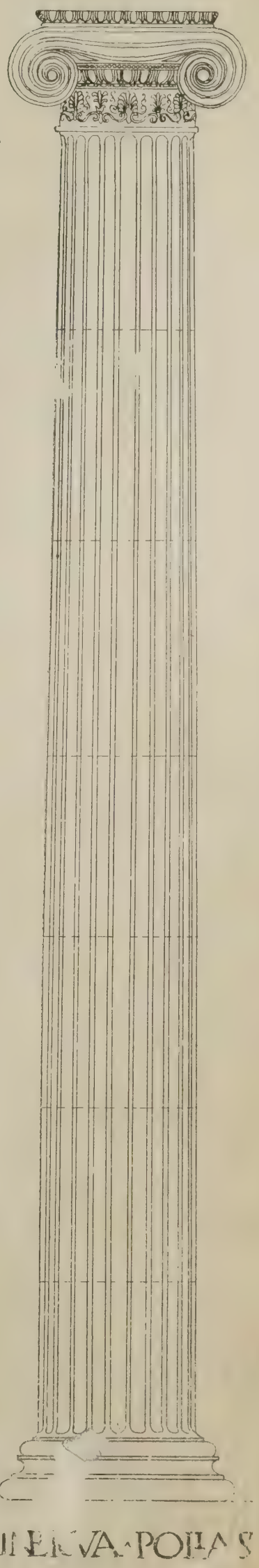
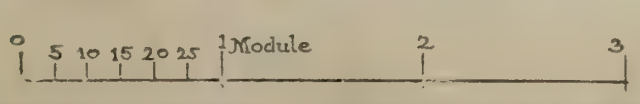
POLIAS ERECHTEVM

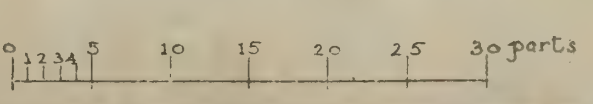


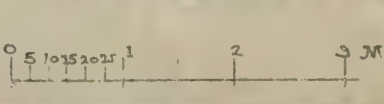
DORIC CAPITAL
OVER HALL OF
THE PARTHENON



MINERVA POLIAS







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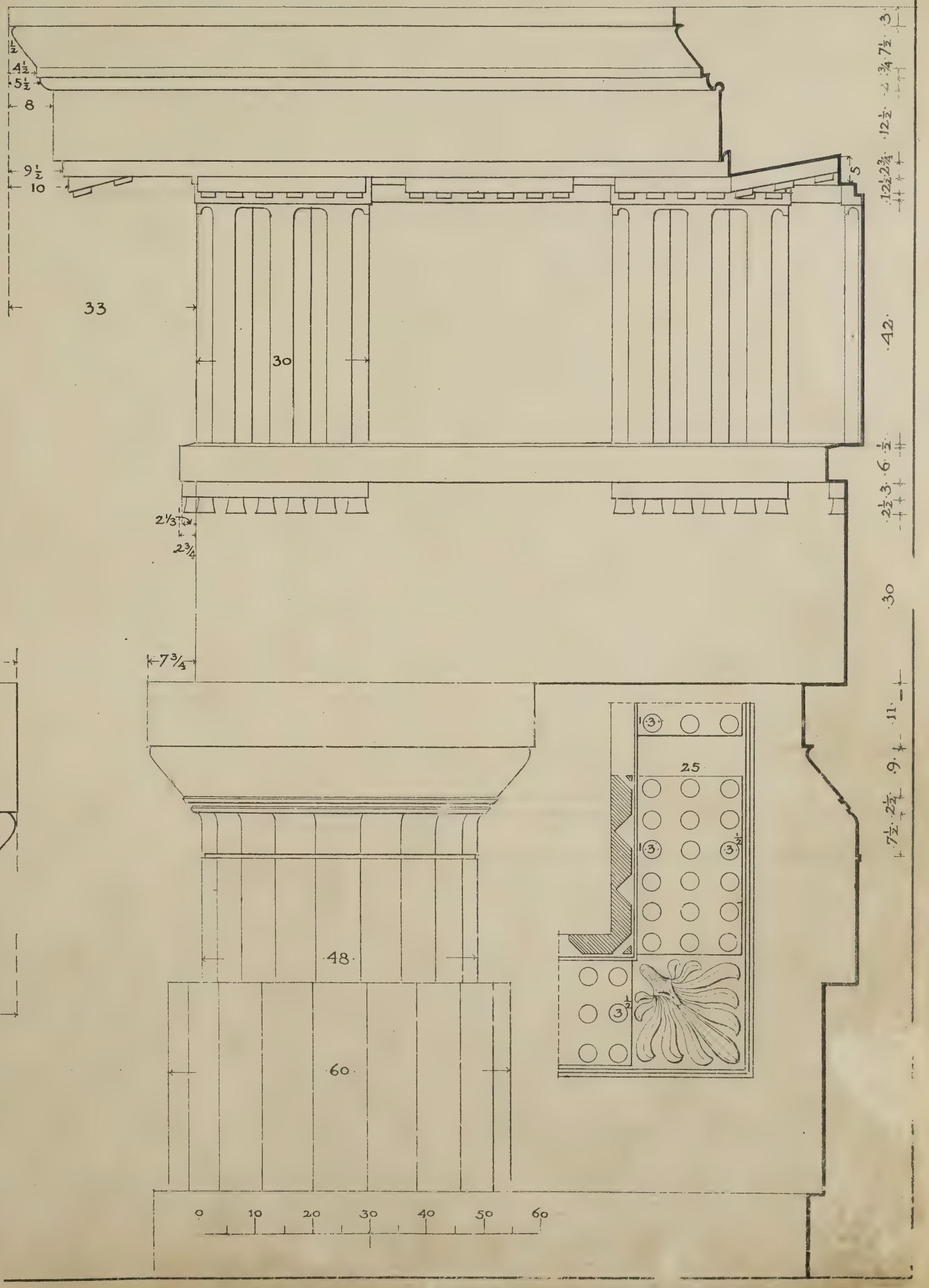
GREEK DORIC ORDER



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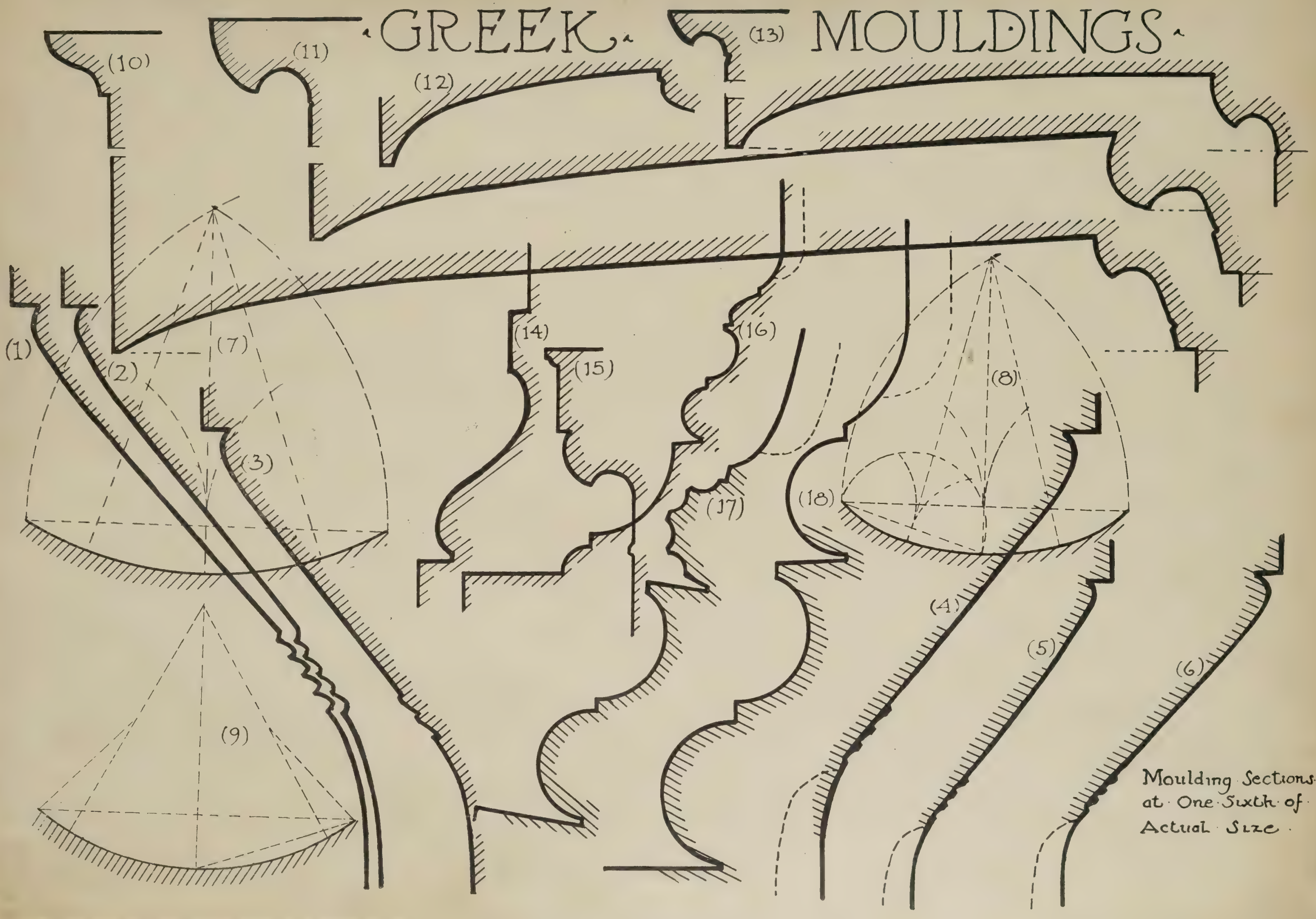
GREEK MOULDINGS



Moulding Sections at One Sixth of Actual Size

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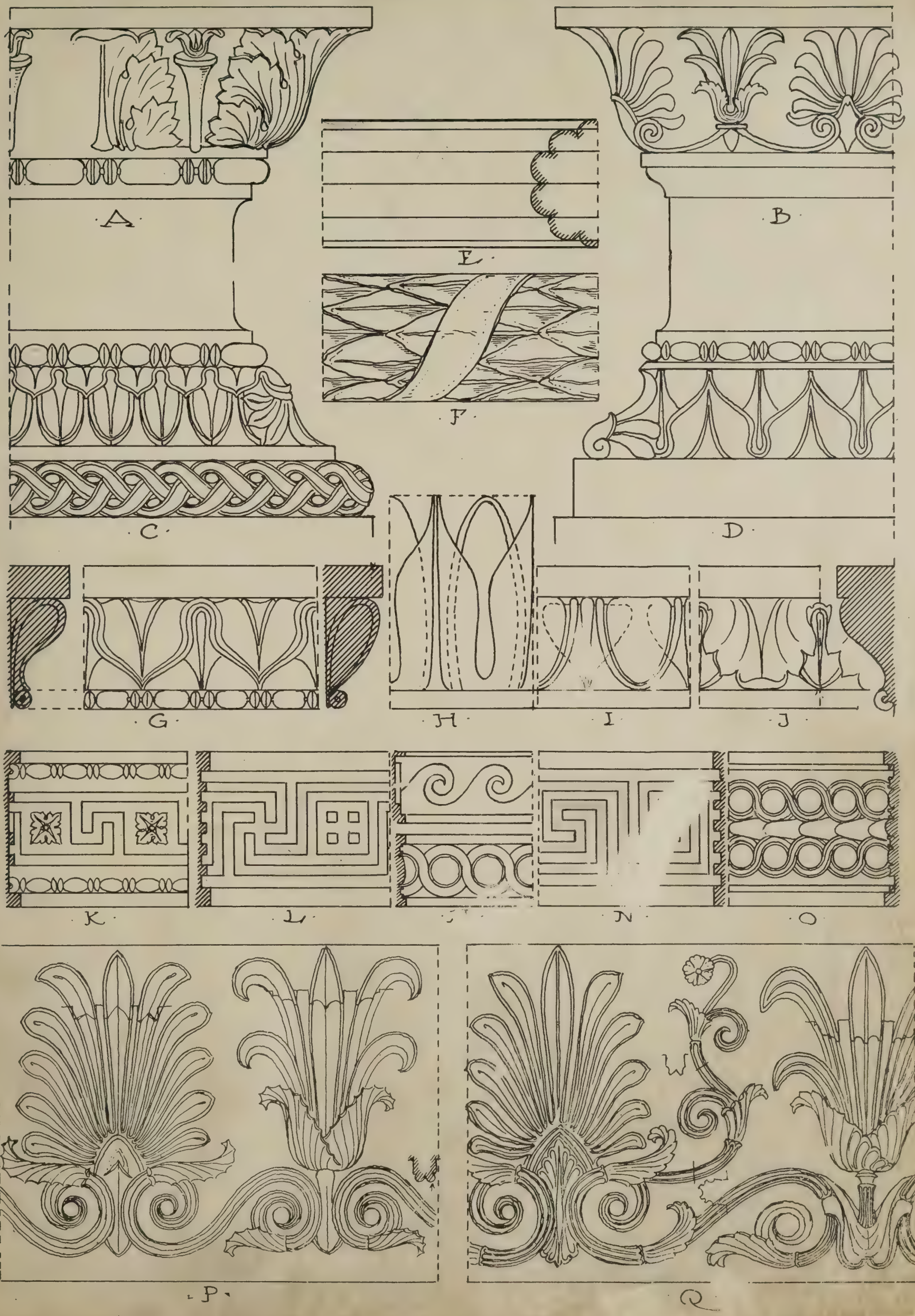
ORNAMENTED MOVLDINGS



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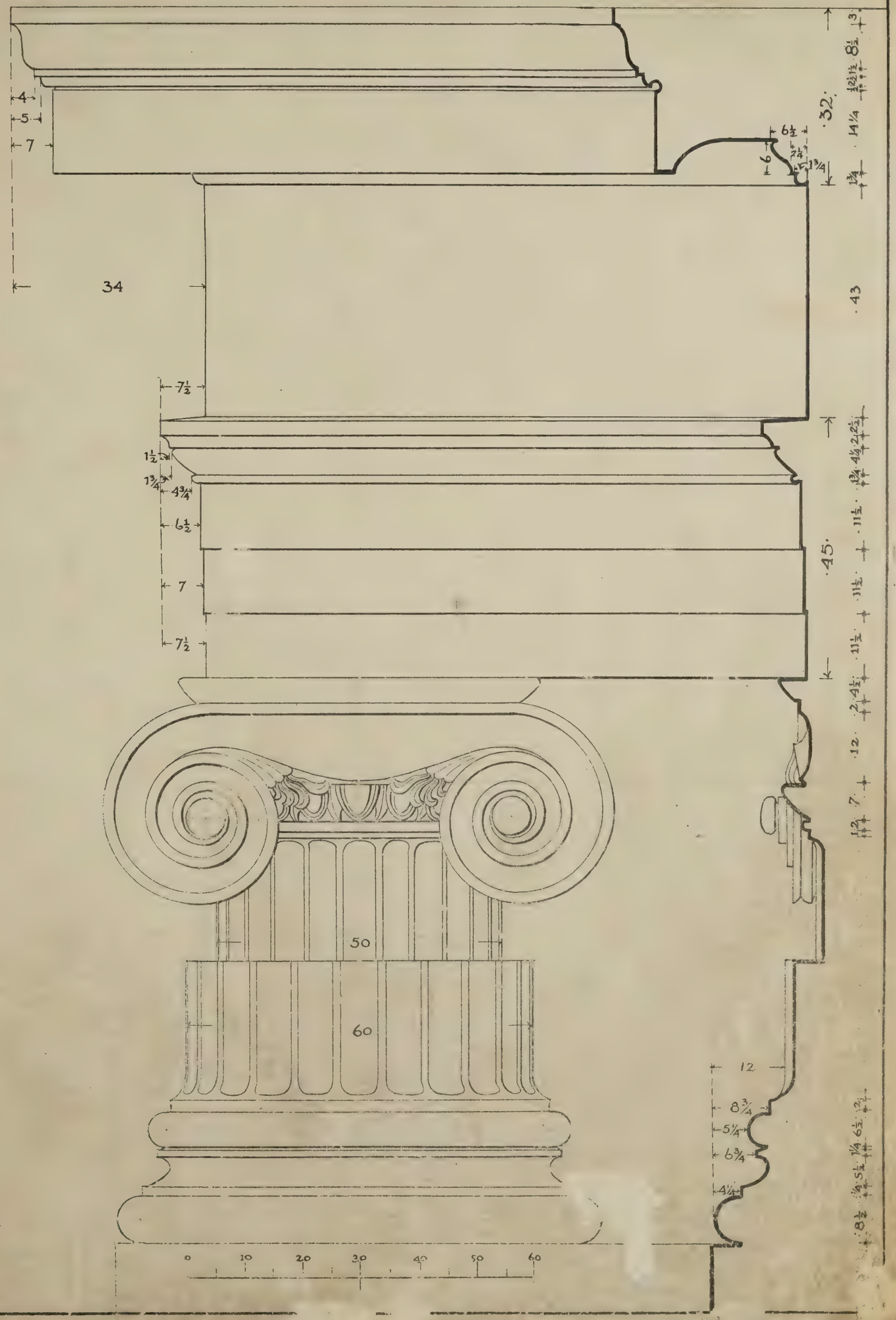
GREEK IONIC ORDER



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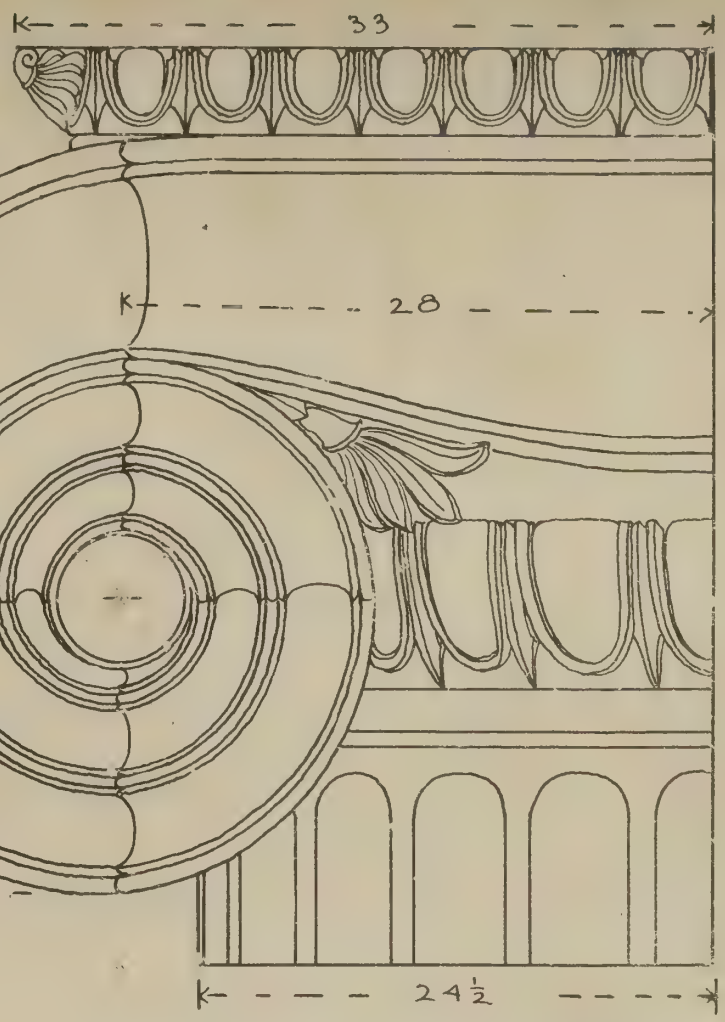
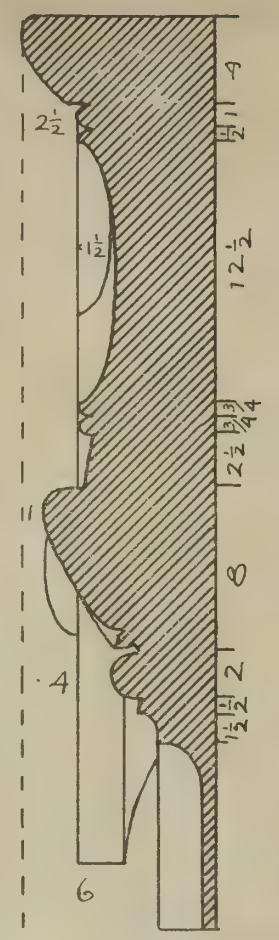
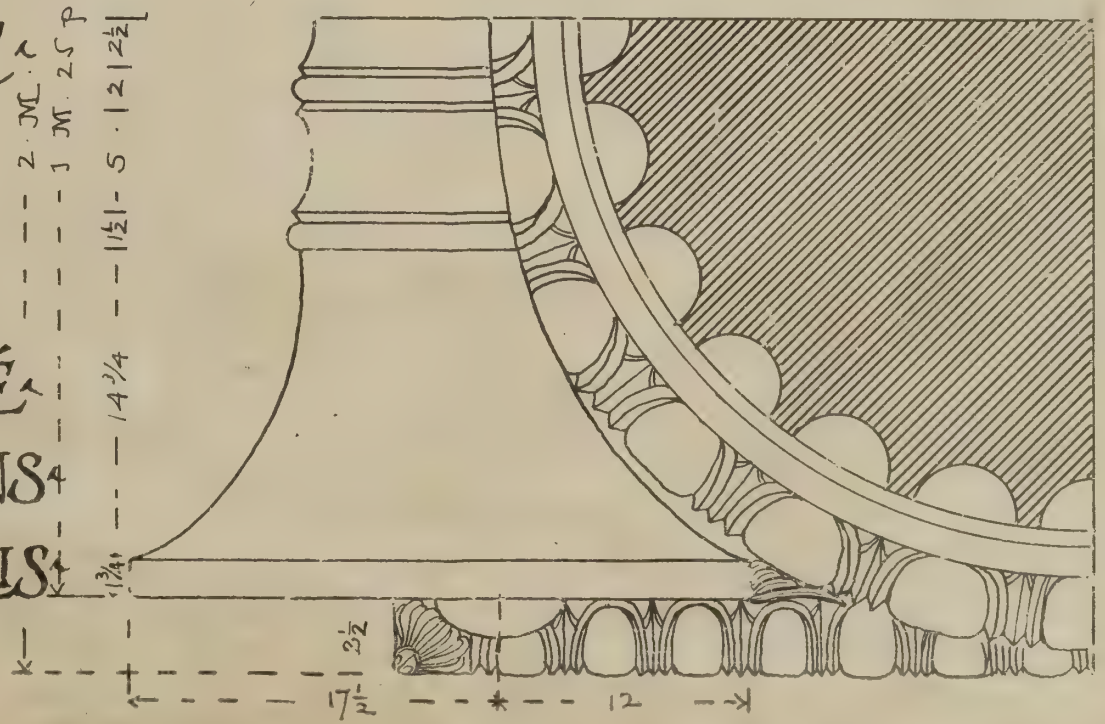
GREEK IONIC CAPITAL

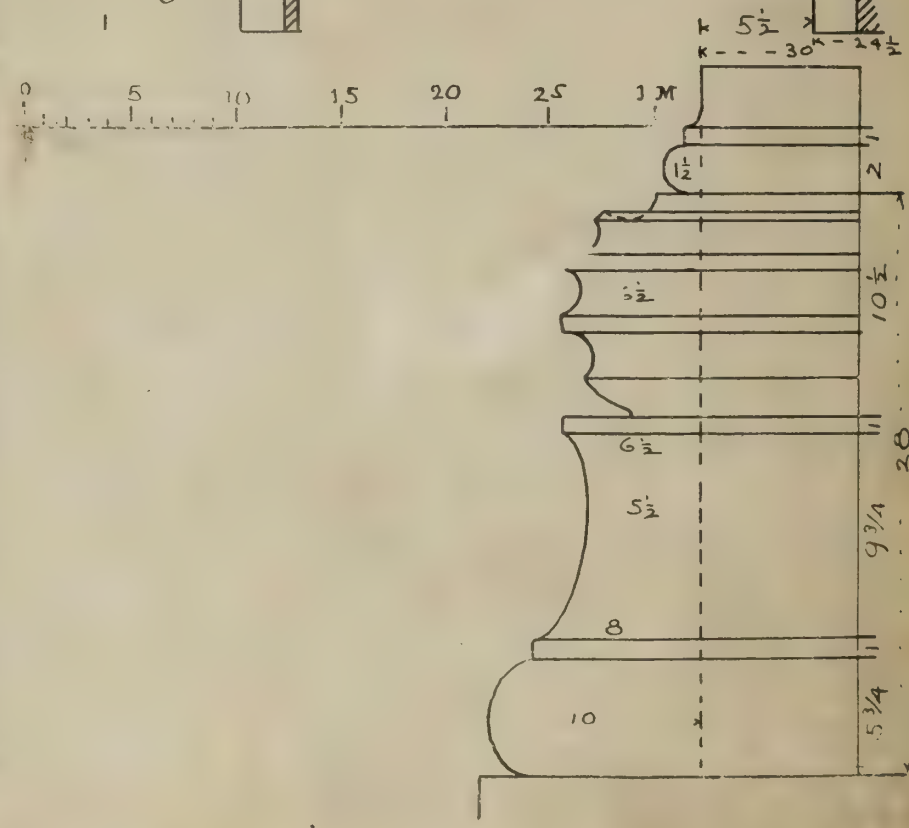
PLAIN

TEMPLE OF NIKÉ APTEROS ATHENS ON THE ACROPOLIS









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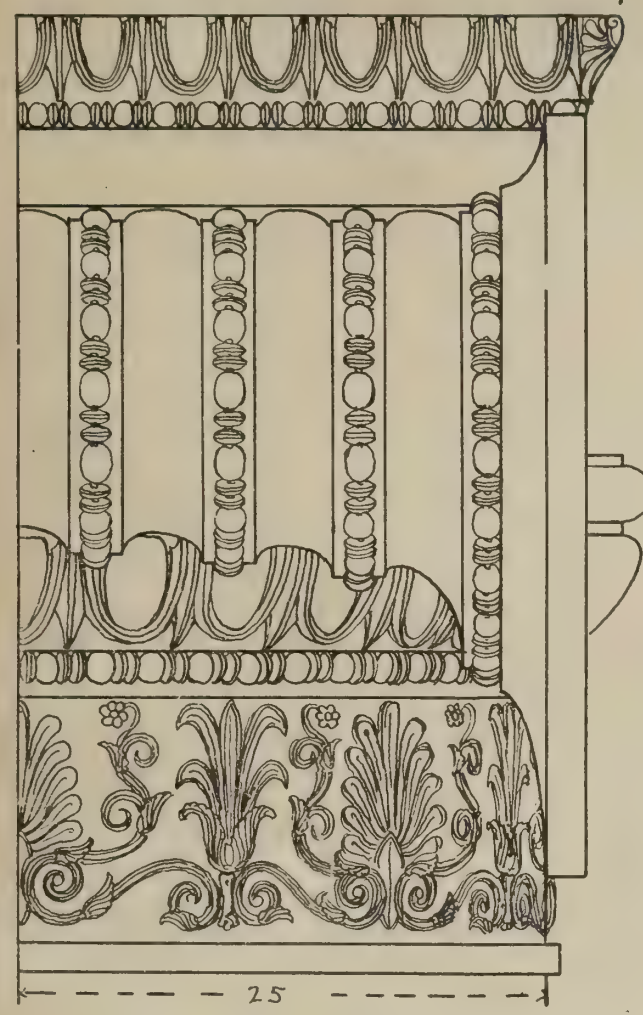
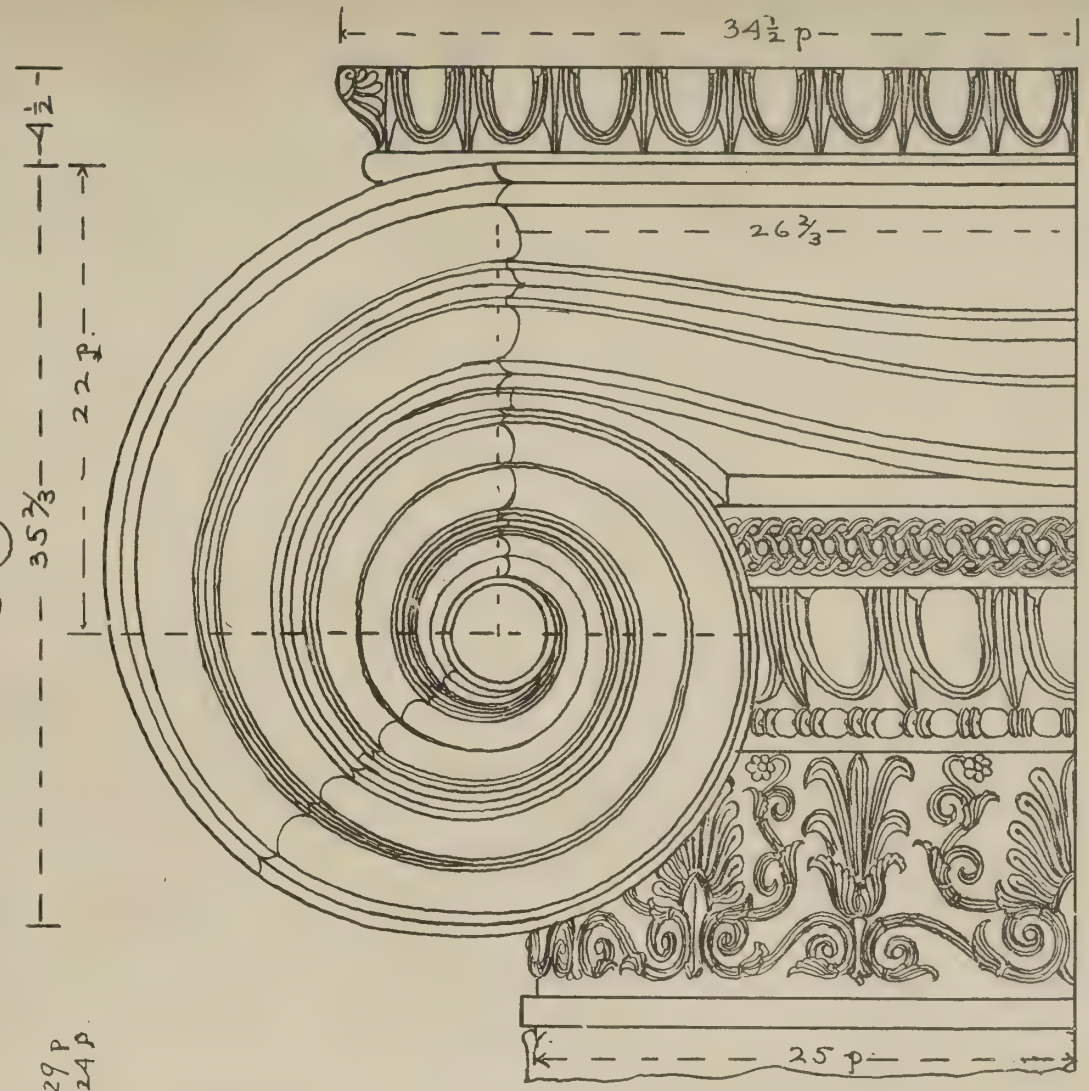
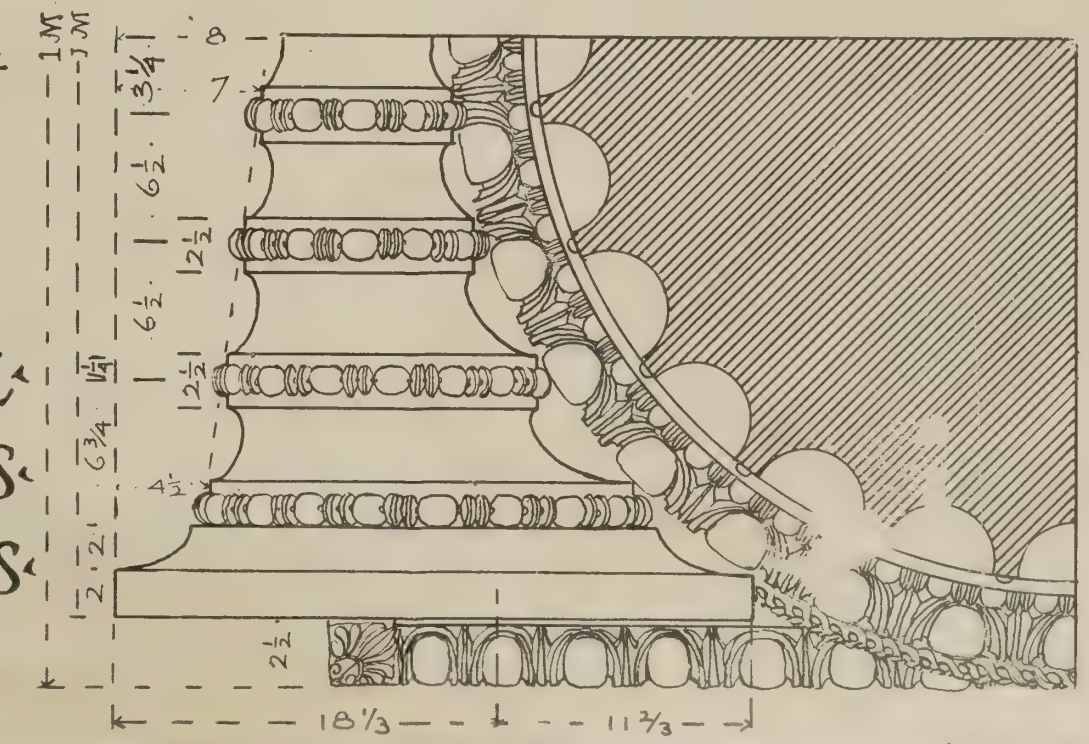
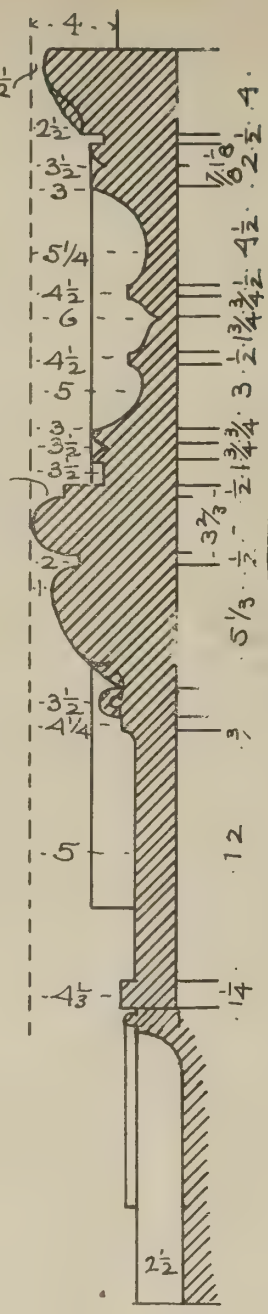
GREEK IONIC CAPITAL ORNAMENTED

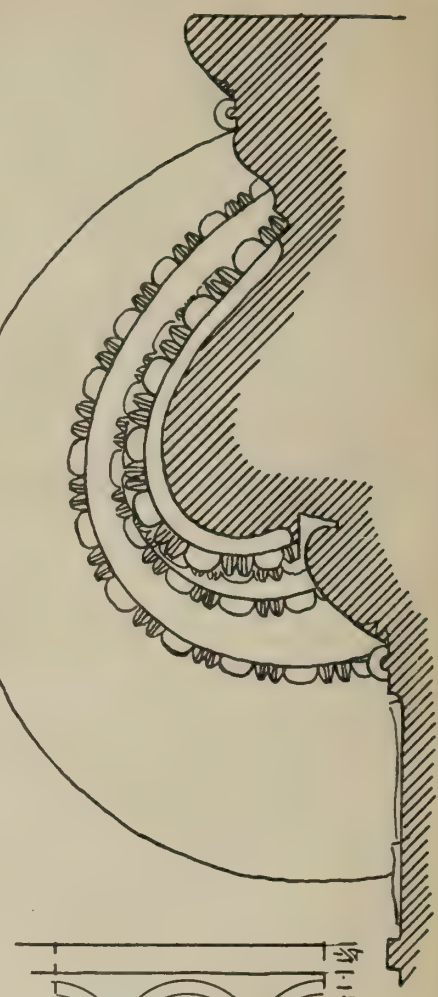
PORTICO TEMPLE
MINERVA POLIAS
ERECHTHEVM ATENS

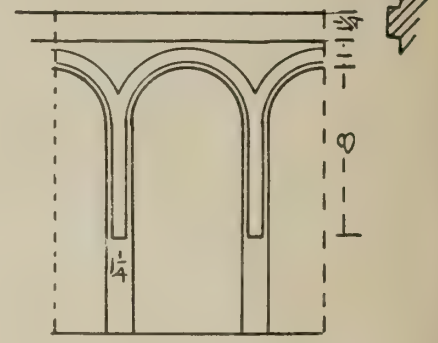


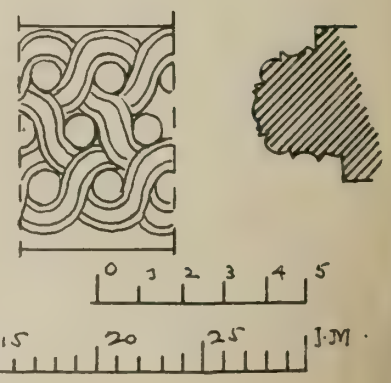












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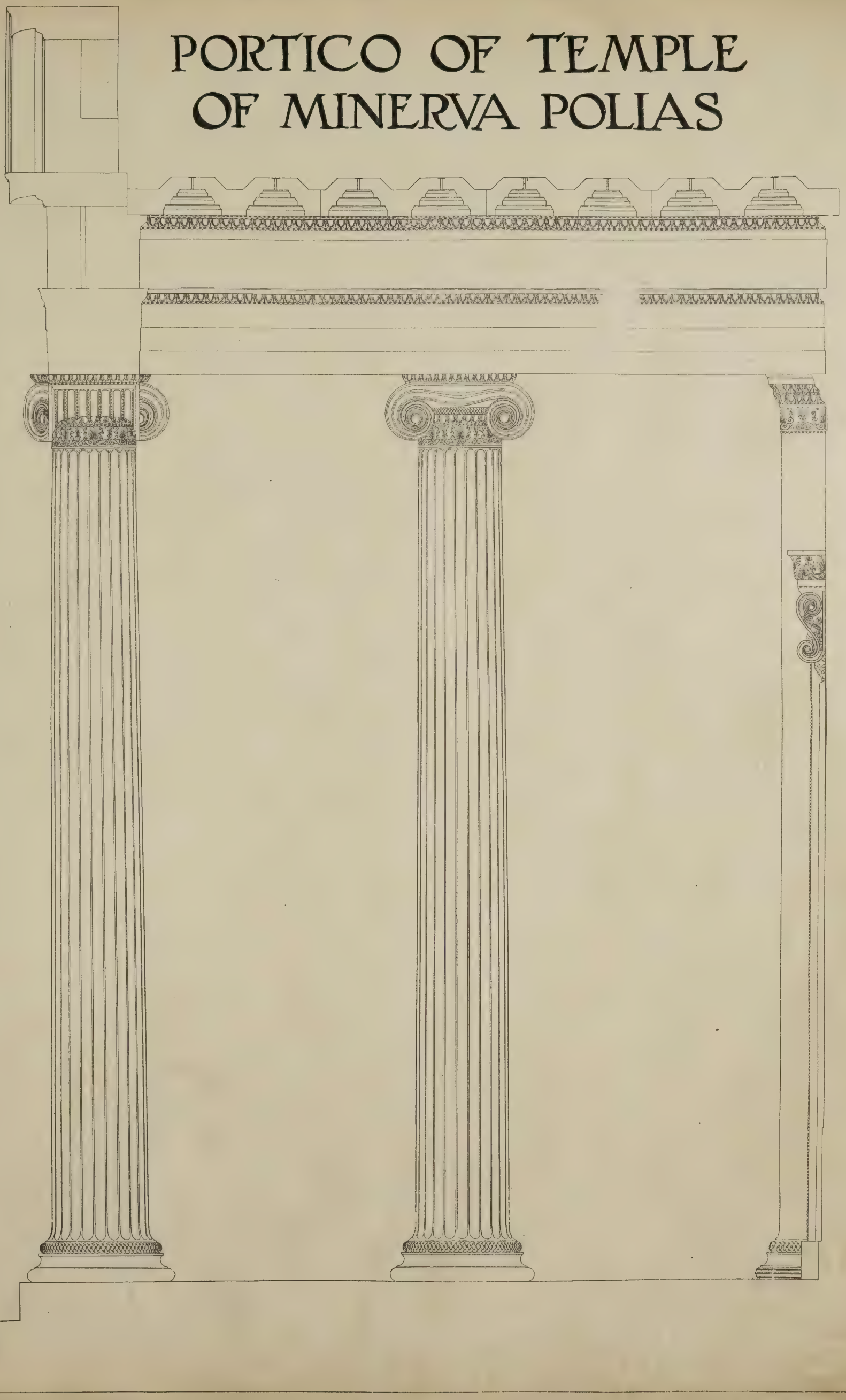
PORTICO OF TEMPLE OF MINERVA POLIAS



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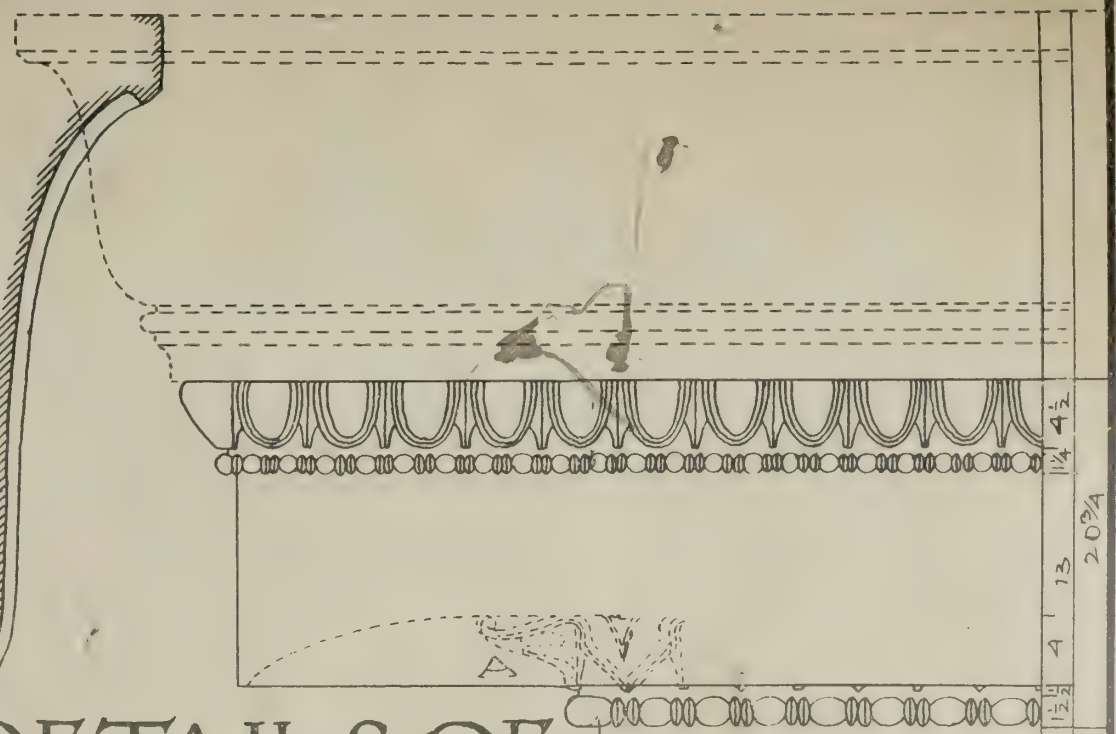
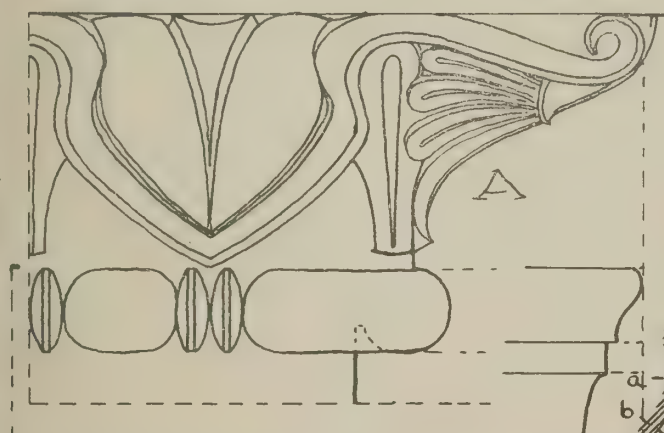
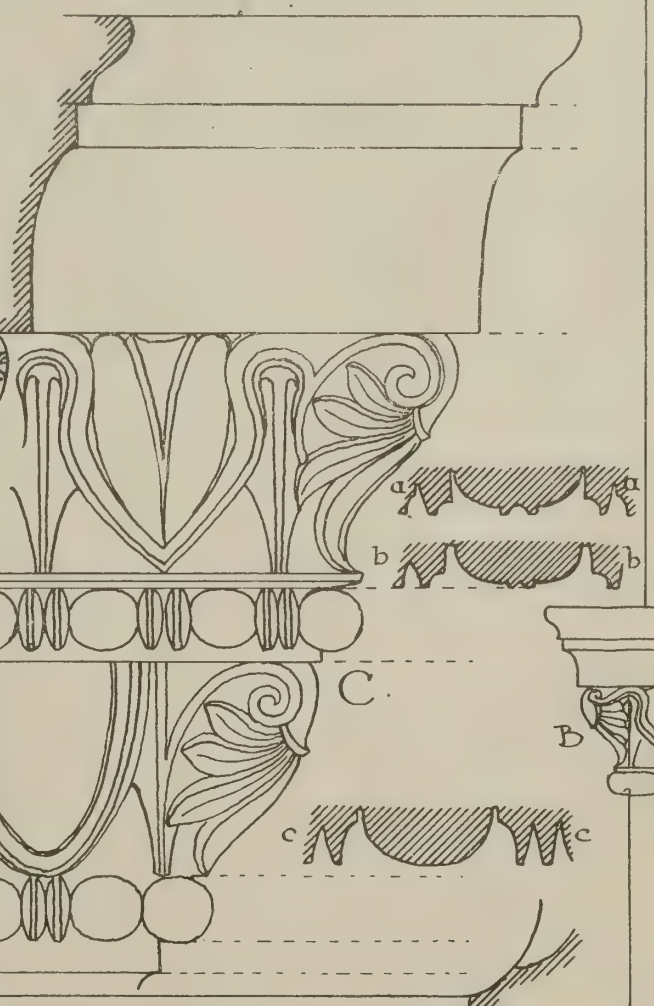
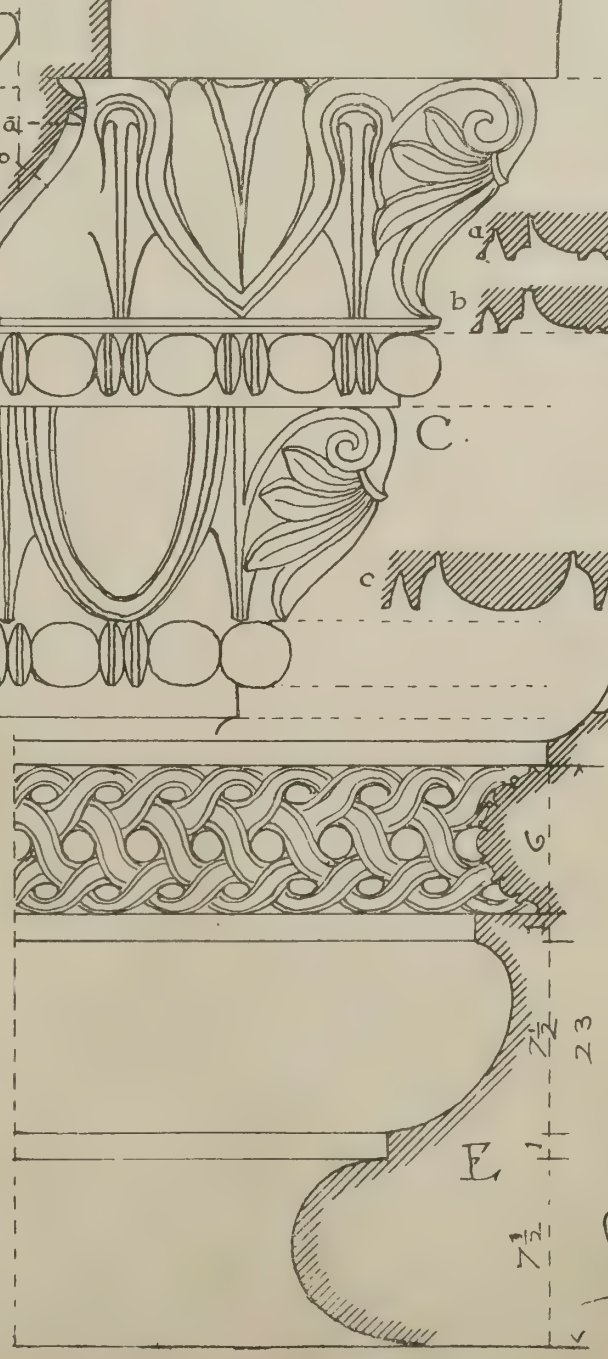
DETAILS OF ERECHTHEVM

CYMA FROM DOOR









½ Column at Neck

½ Column at Base

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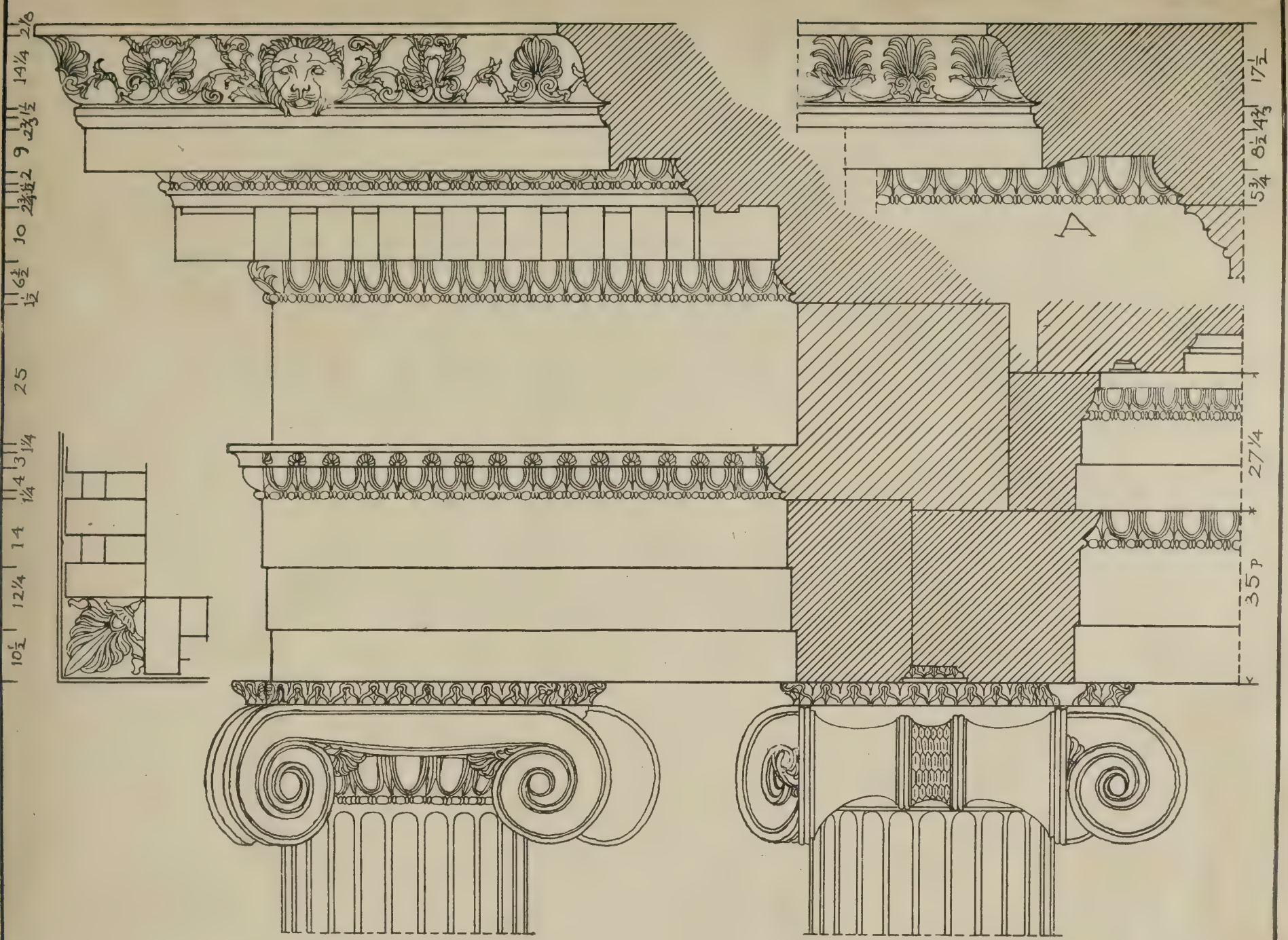
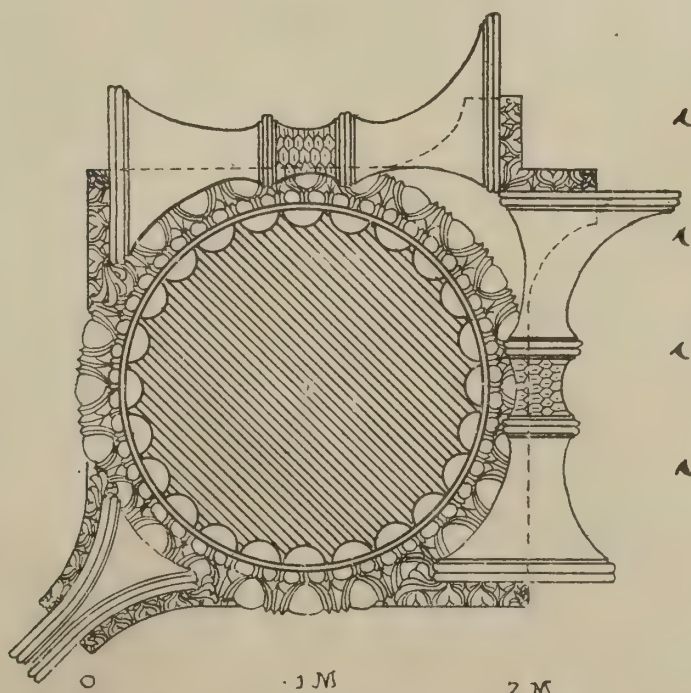
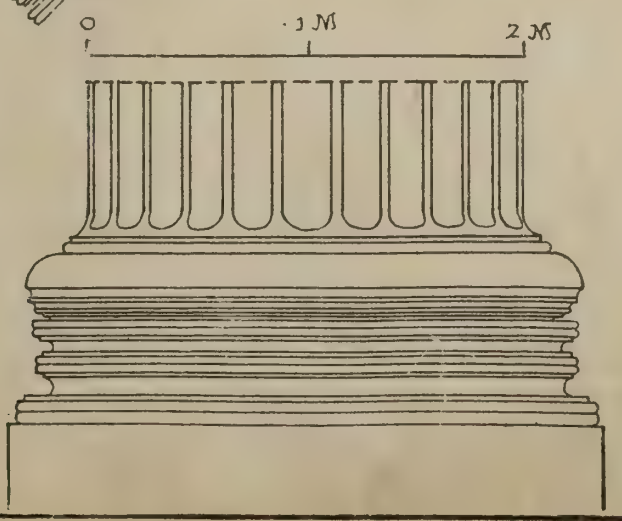
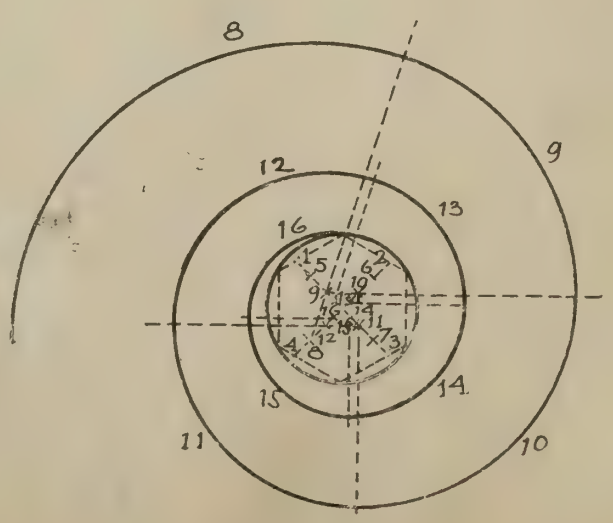






GREEK IONIC ORDER TEMPLE OF MINERVA POLIAS PRIENE



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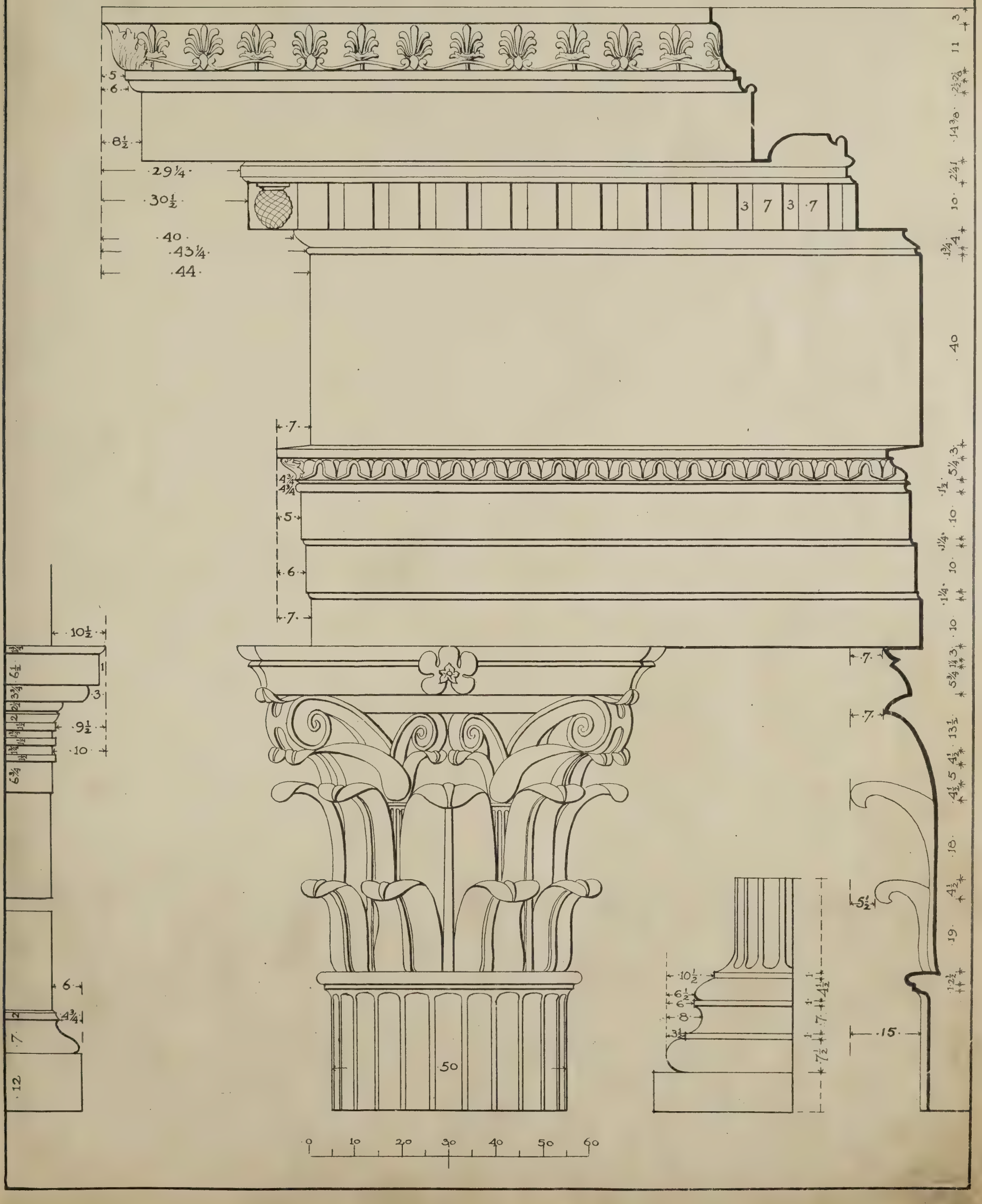
GREEK CORINTHIAN ORDER



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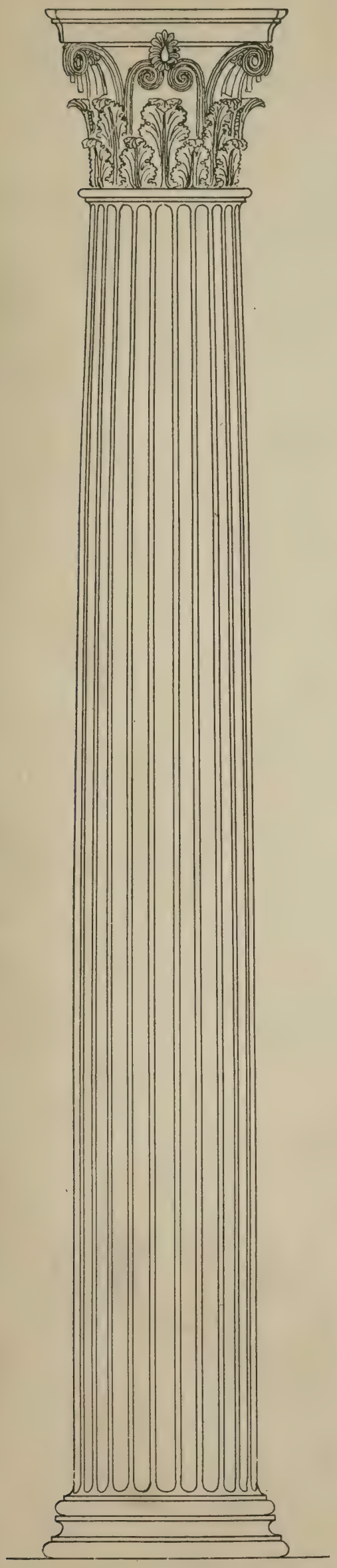
GREEK CORINTHIAN COLUMNS



EPIDAVROS

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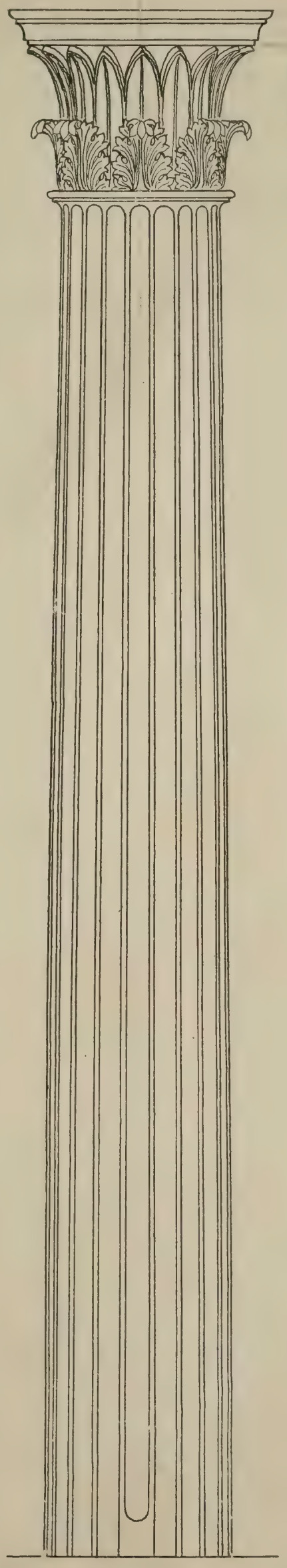

TEMPLE OF WINDS

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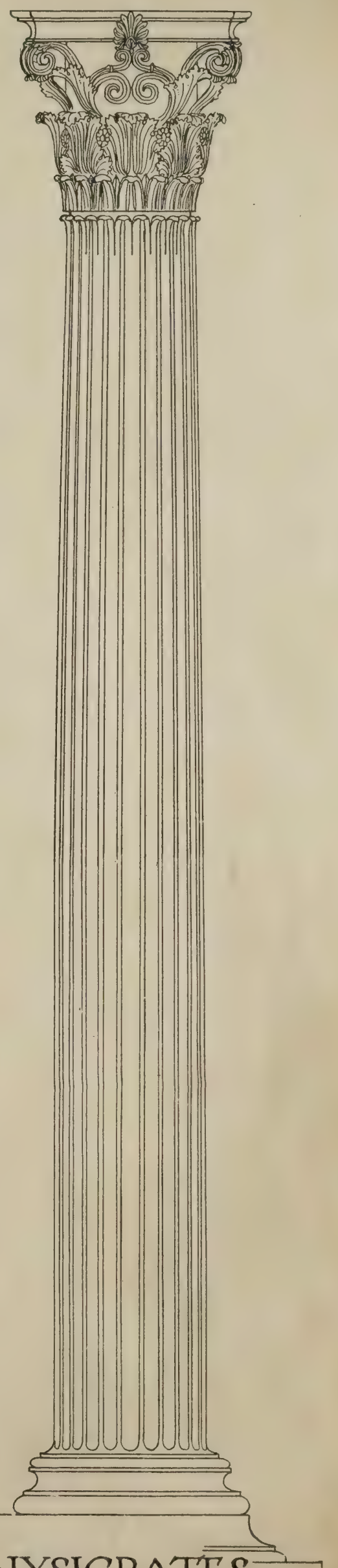

LYSICRATES

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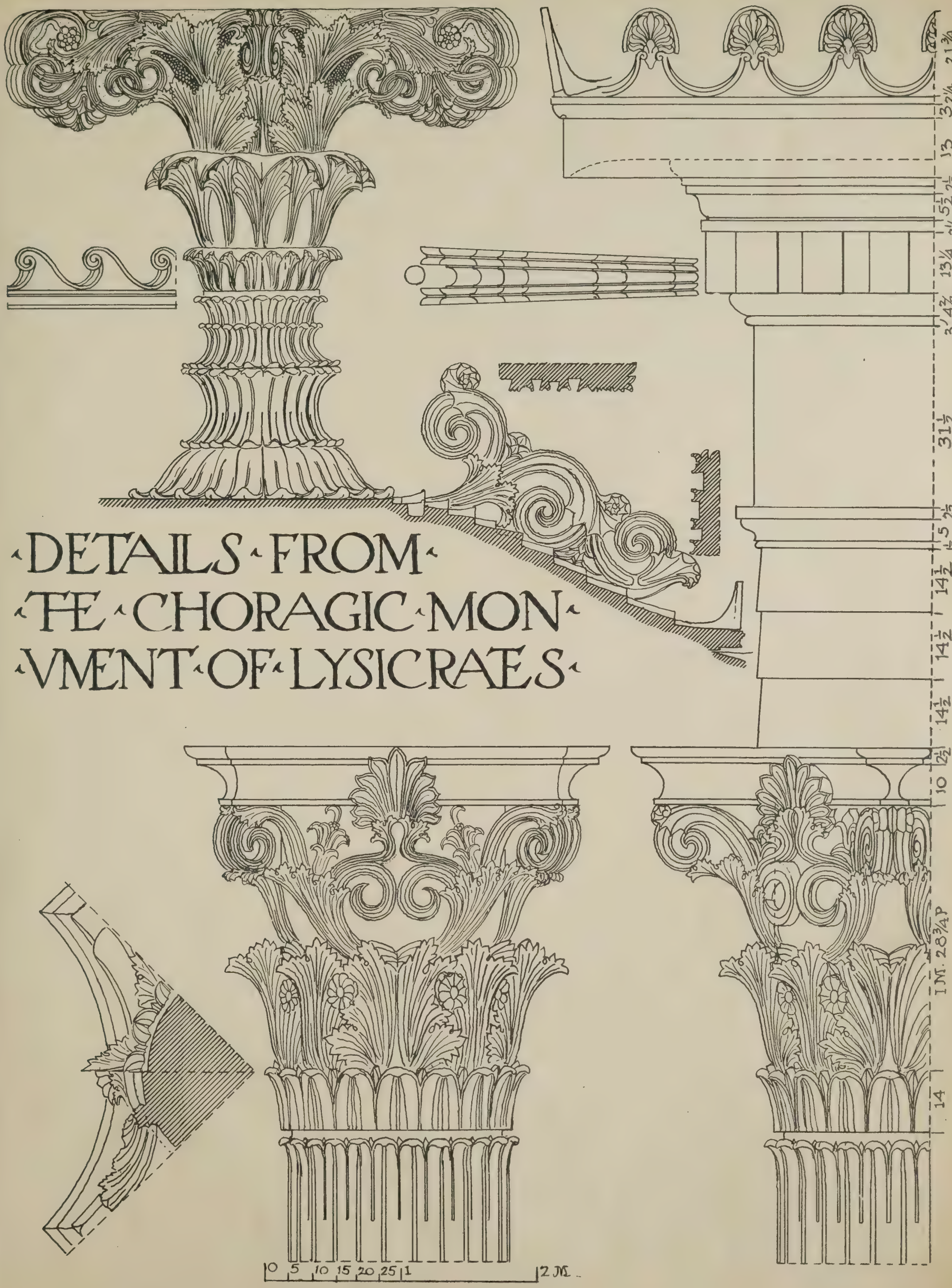
DETAILS FROM THE CHORAGIC MONUMENT OF LYSICRATES



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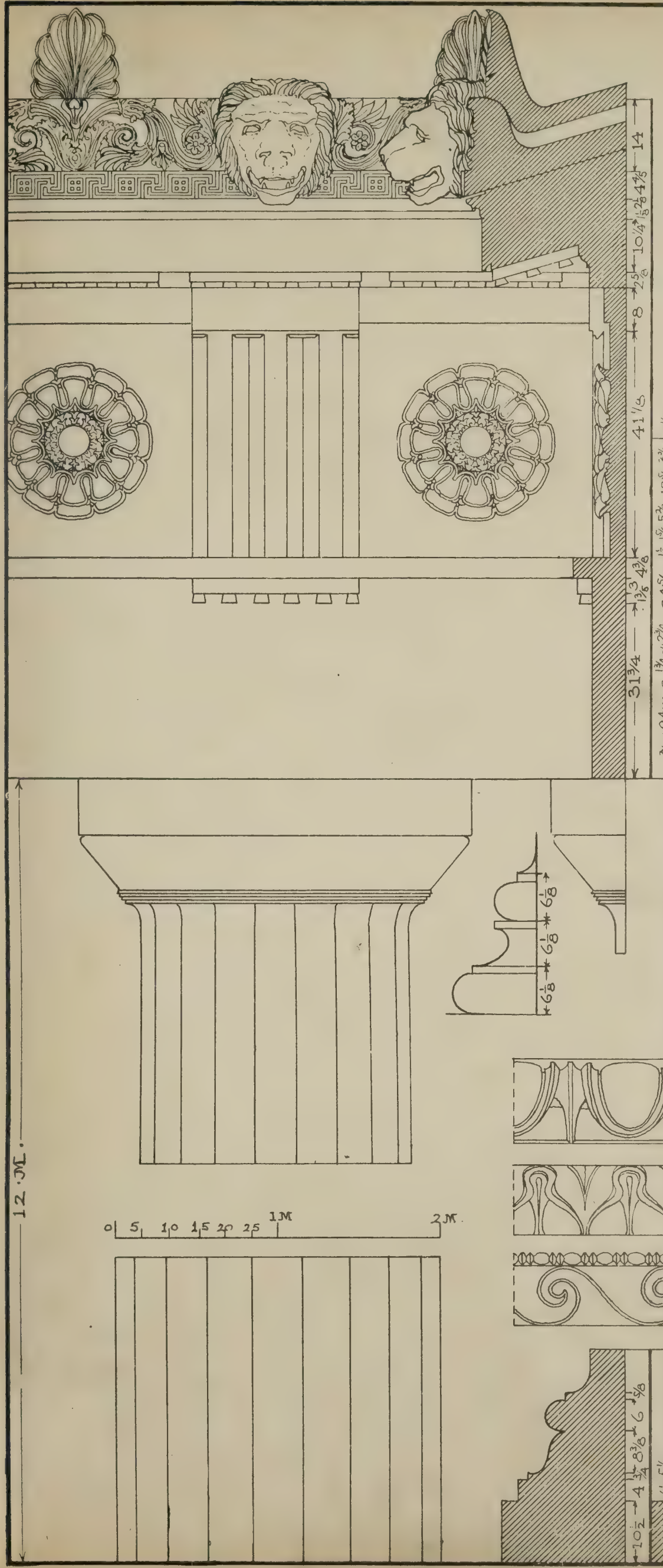
THE THOLOS AT EPIDAVROS

SHOWING CONTEMPORANEOUS USE OF GREEK DORIC AND CORINTHIAN ORDERS



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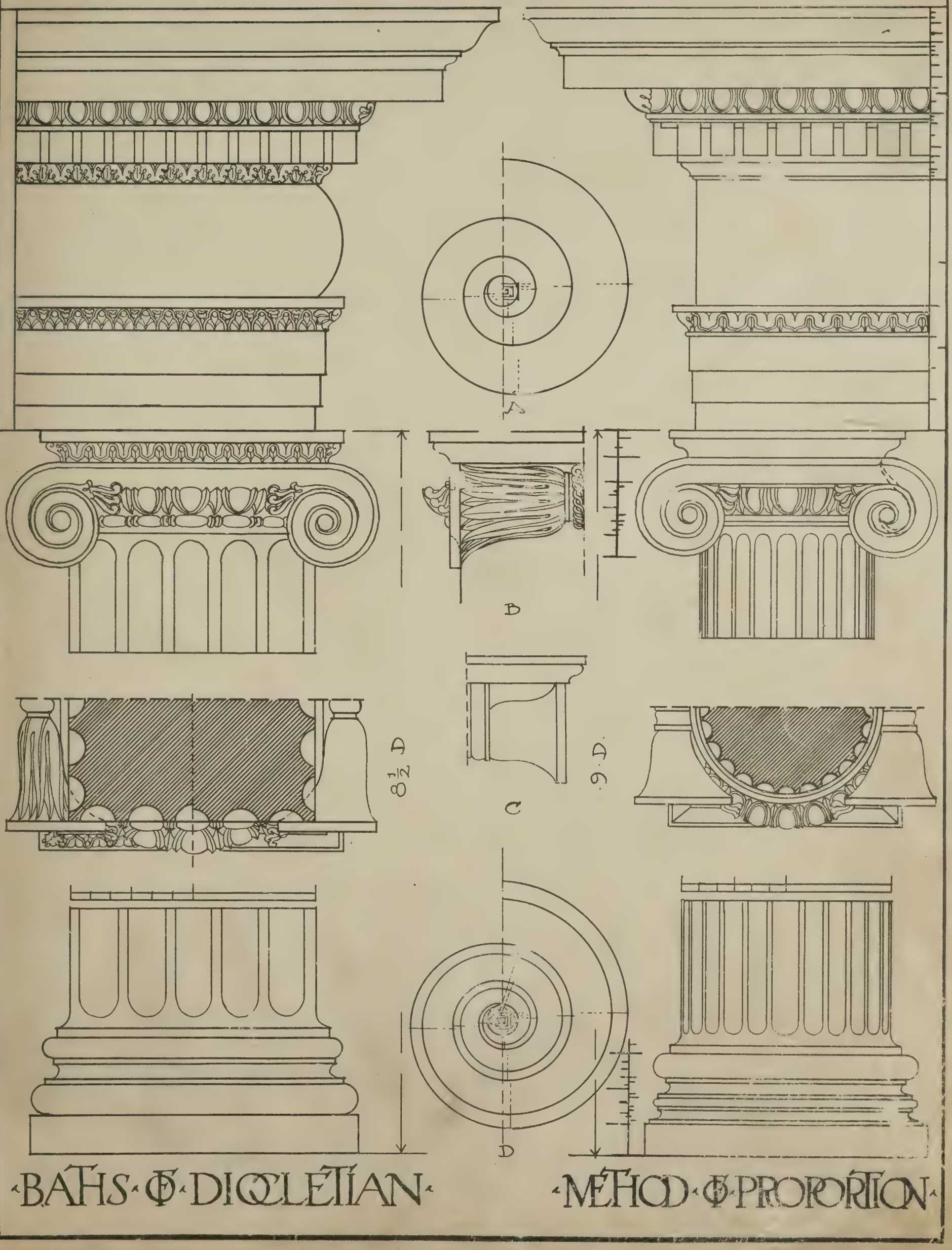
ROMAN IONIC ORDERS



BATHS OF DIOCLETIAN

METHOD OF PROPORTION

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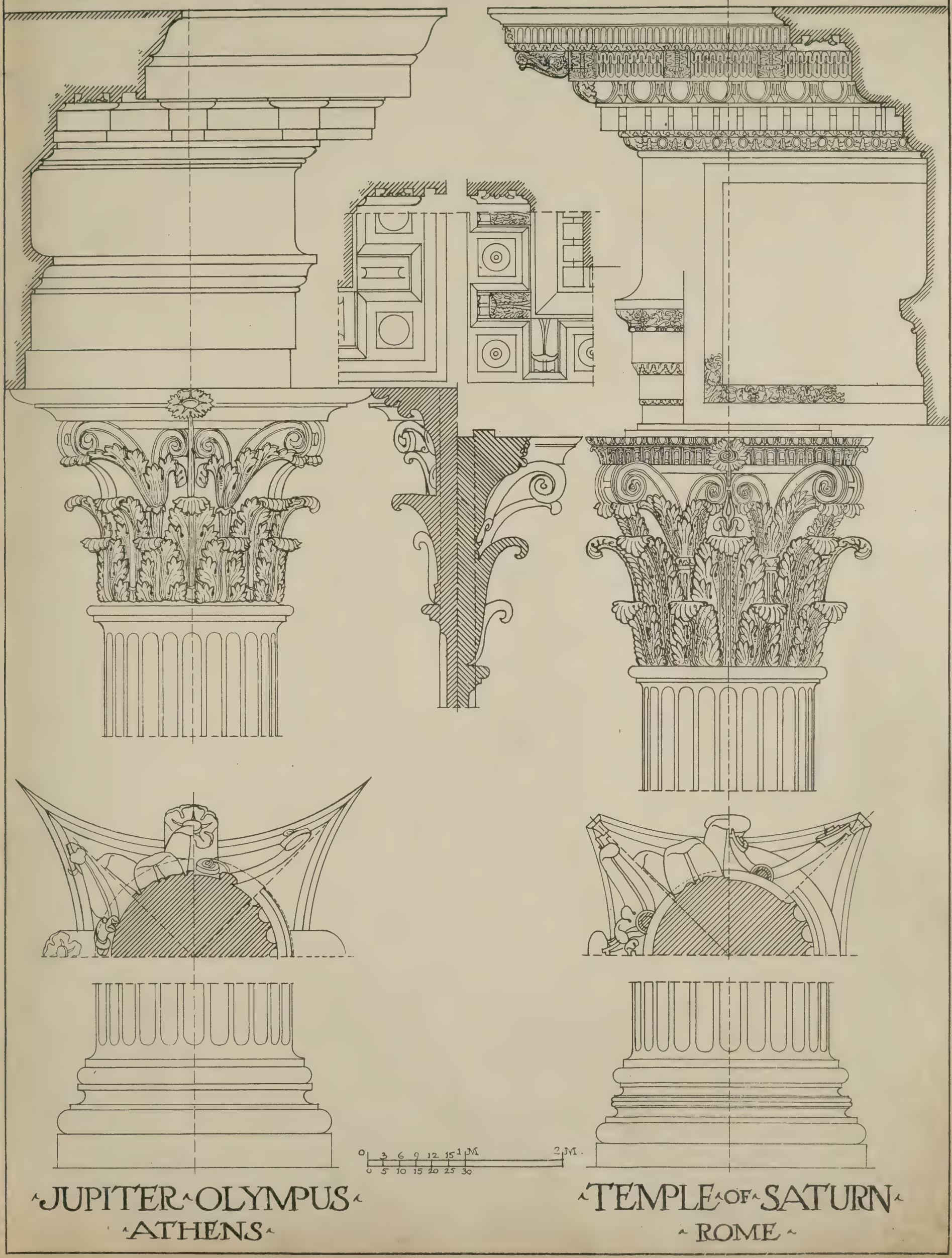
ROMAN CORINTHIAN ORDERS



JUPITER OLYMPUS
ATHENS

TEMPLE OF SATURN
ROME

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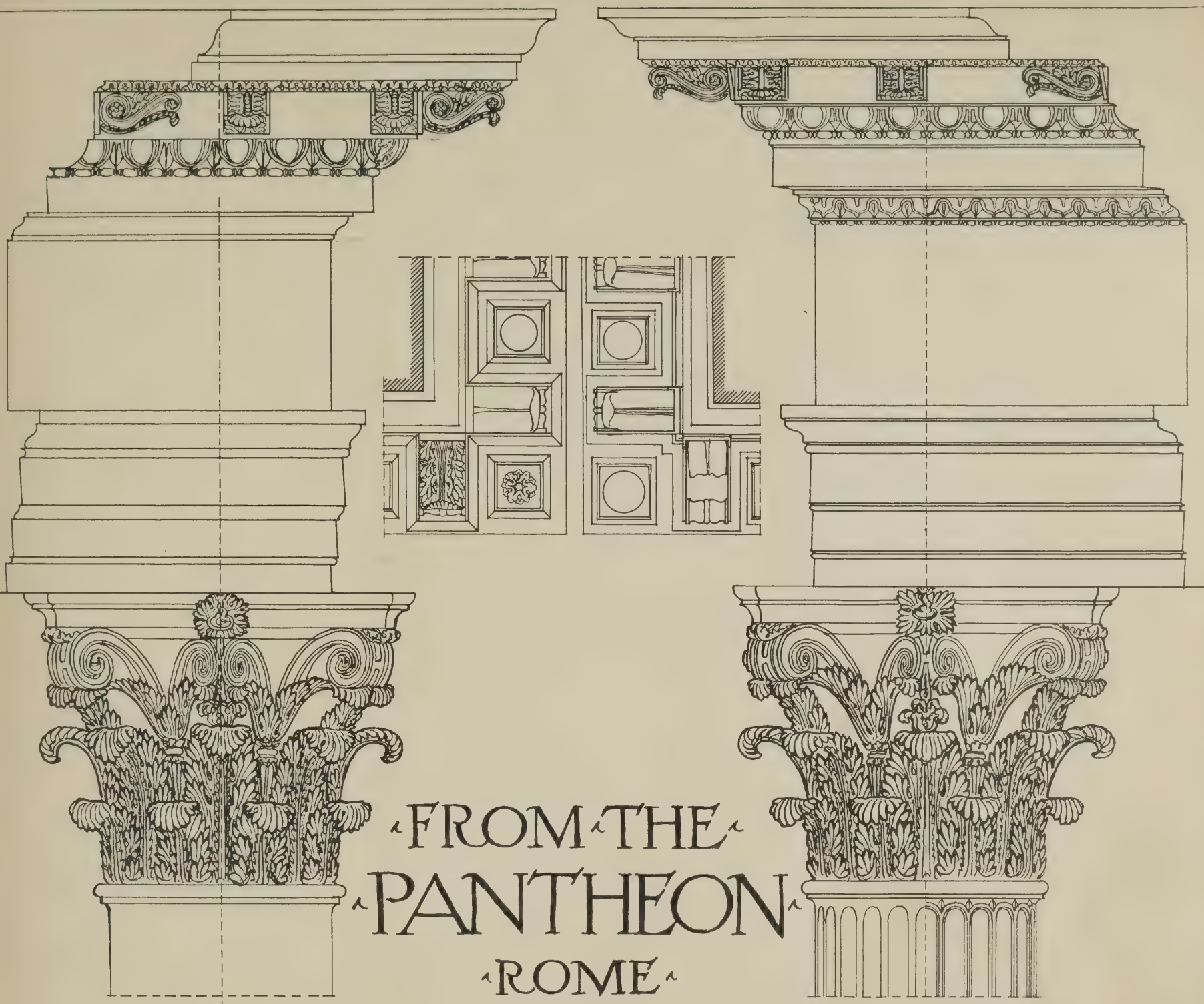
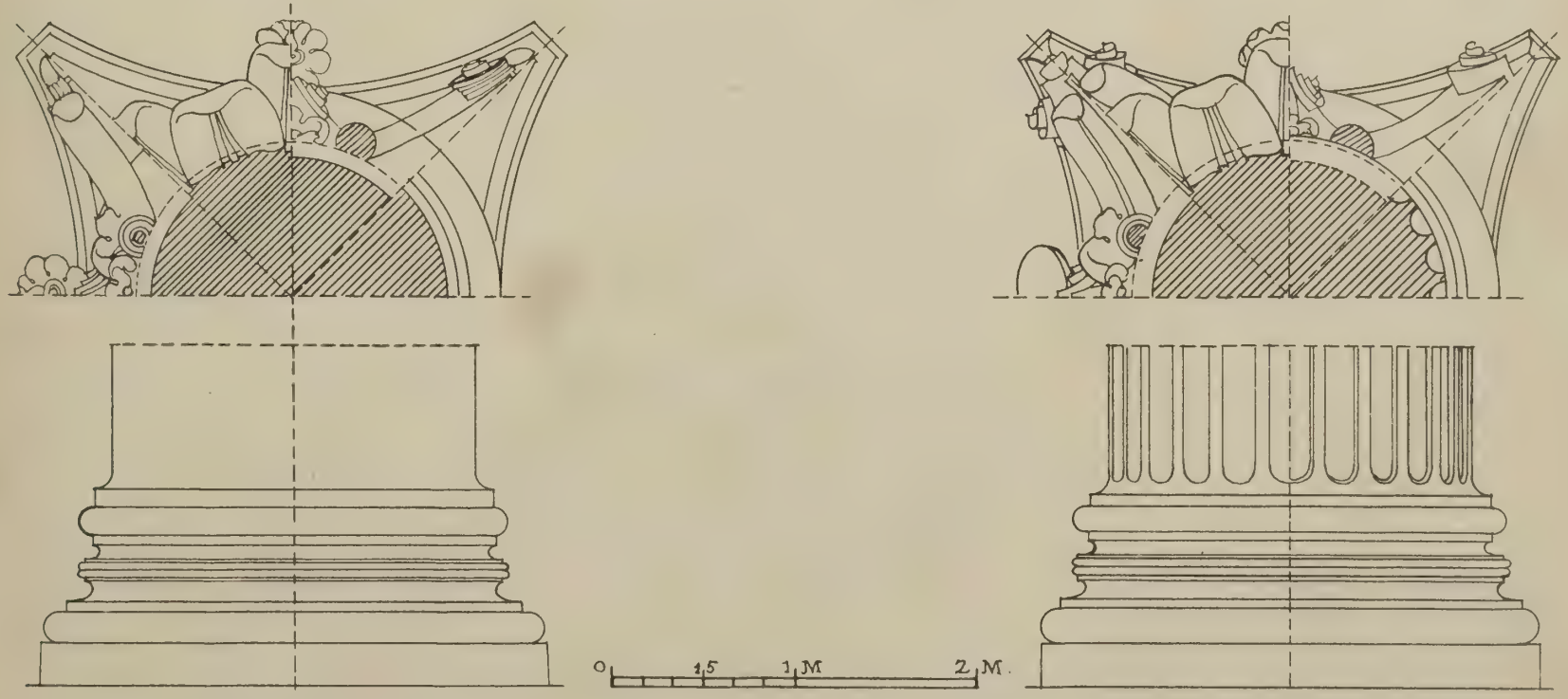
ROMAN CORINTHIAN ORDERS



FROM THE PANTHEON ROME



EXTERIOR

INTERIOR

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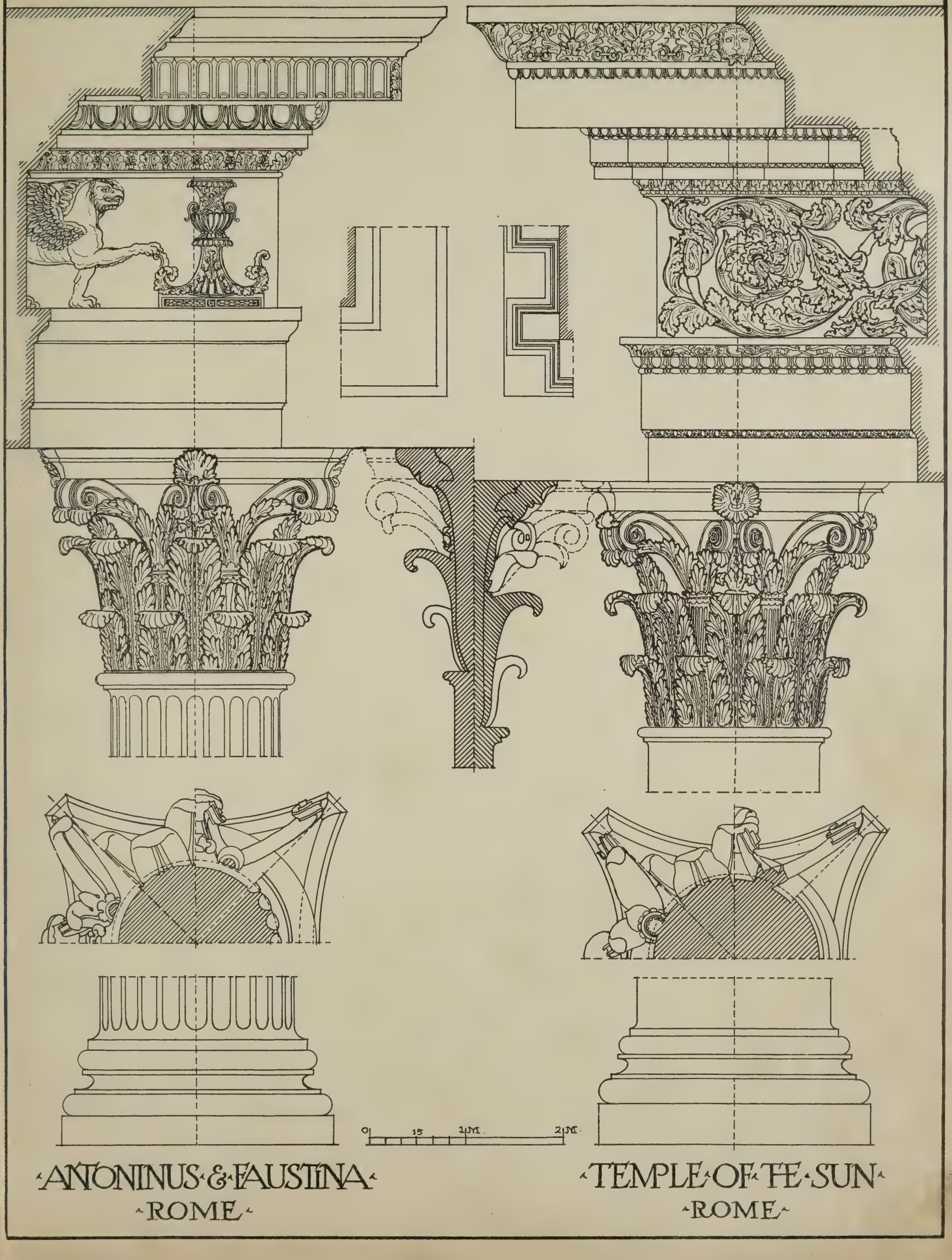
ROMAN CORINTHIAN ORDERS



ANTONINUS & FAUSTINA
ROME

TEMPLE OF TE SUN
ROME

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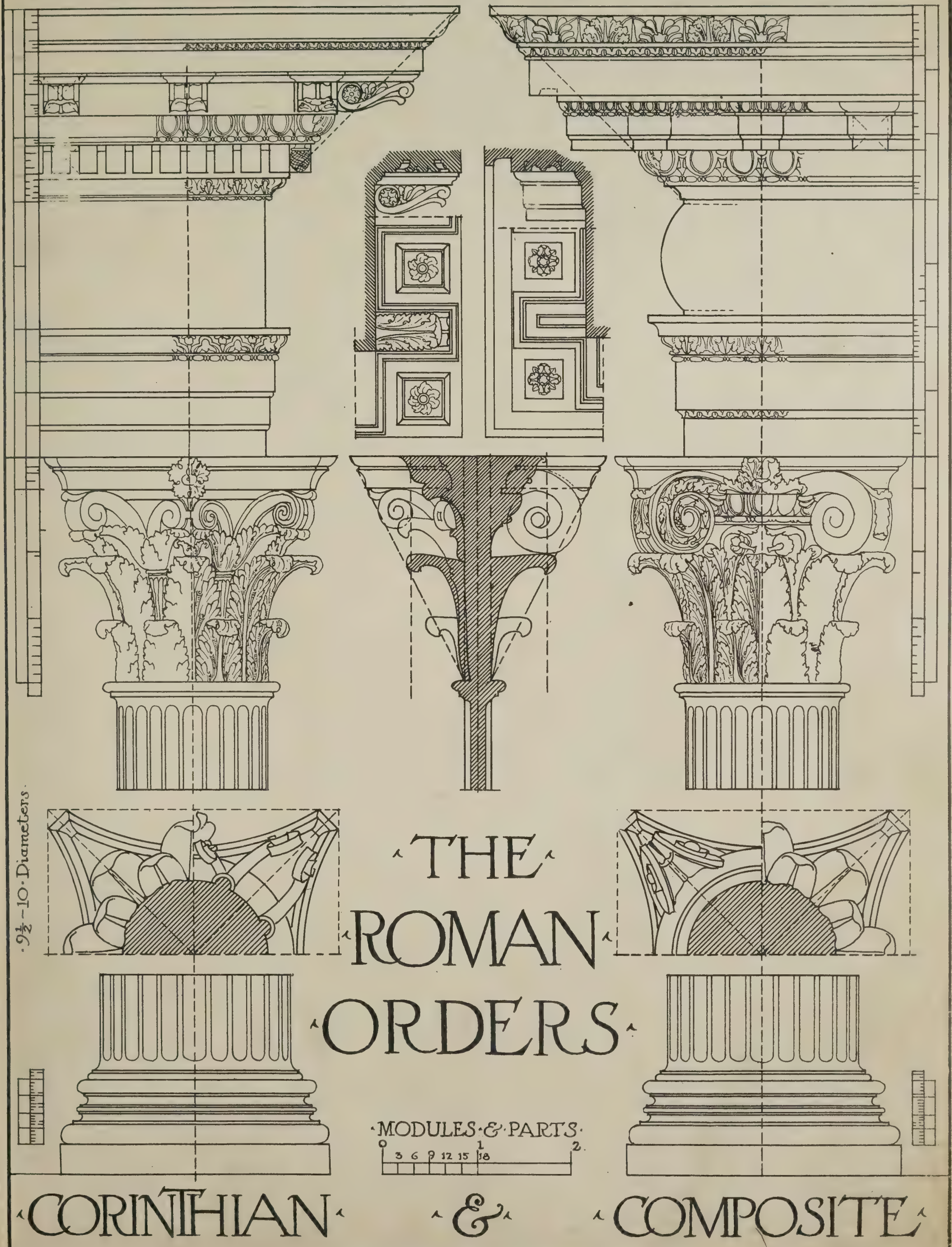
A METHOD OF CONSTRUCTING



THE ROMAN ORDERS

CORINTHIAN & COMPOSITE

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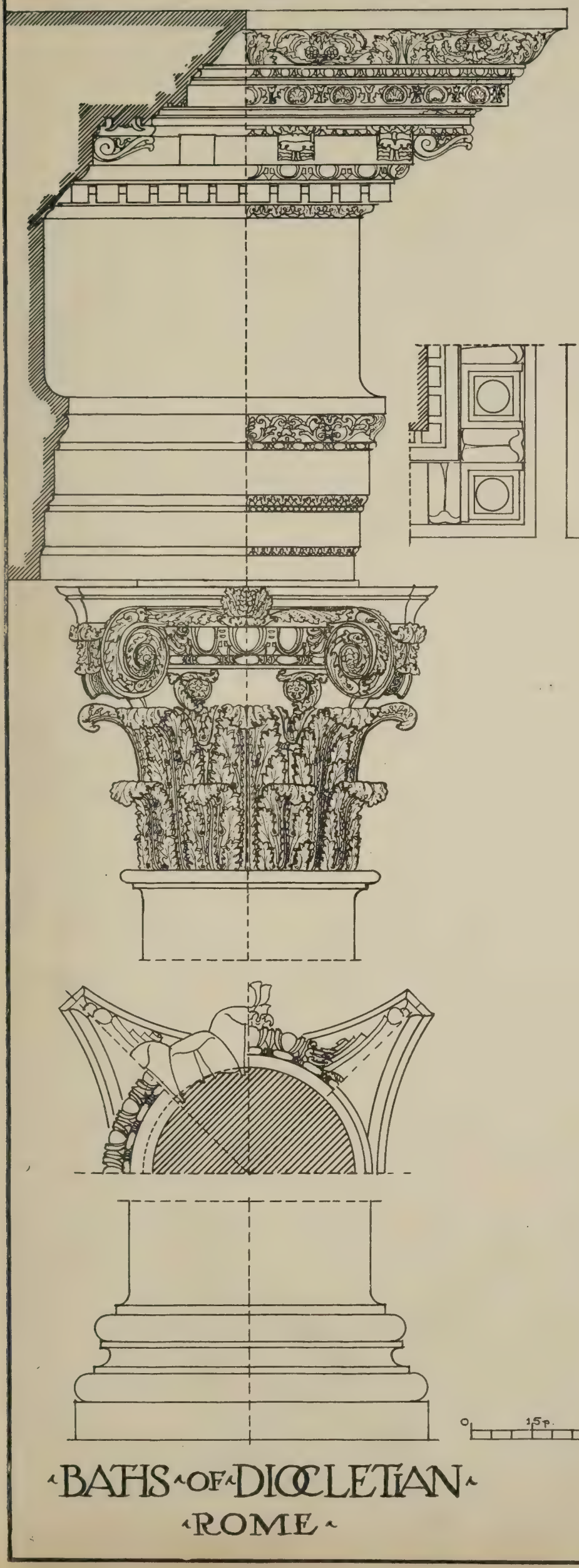
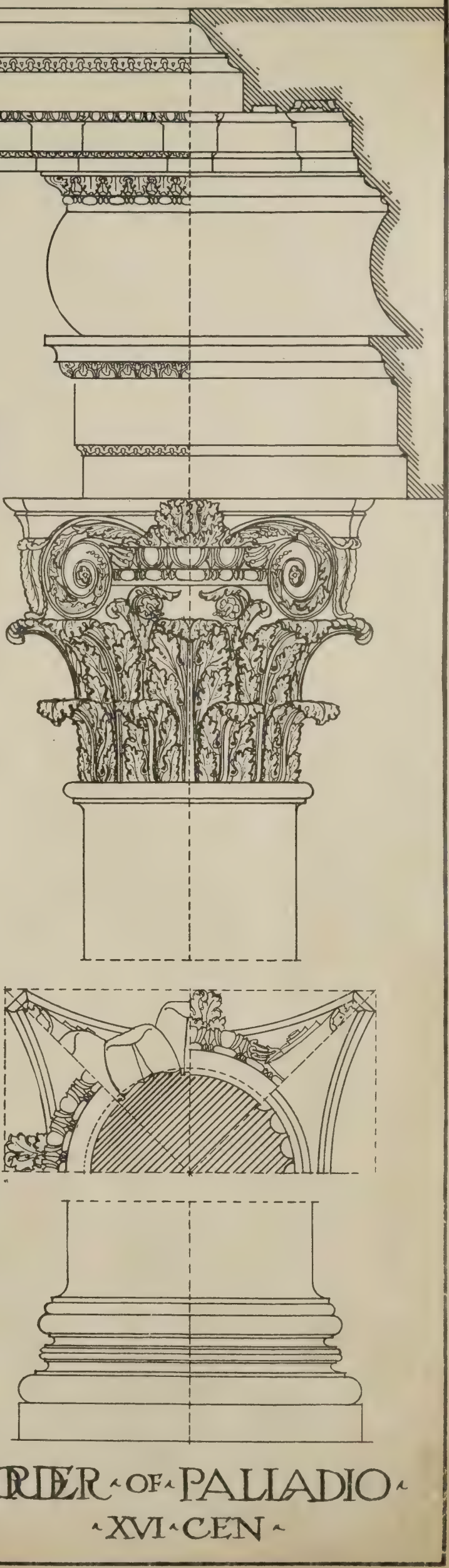
ROMAN COMPOSITE ORDERS



BATHS OF DIOCLETIAN
ROME



ORDER OF PALLADIO
XVI CEN

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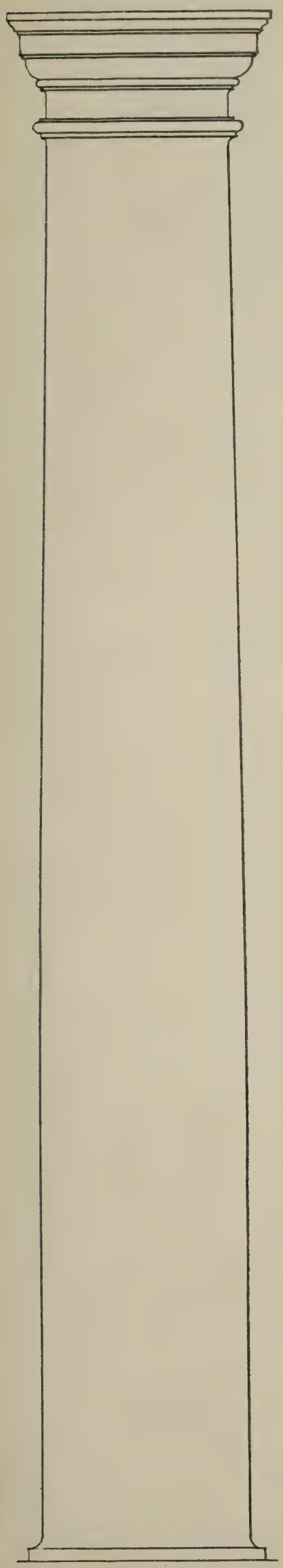
ROMAN CLASSIC COLVMNS



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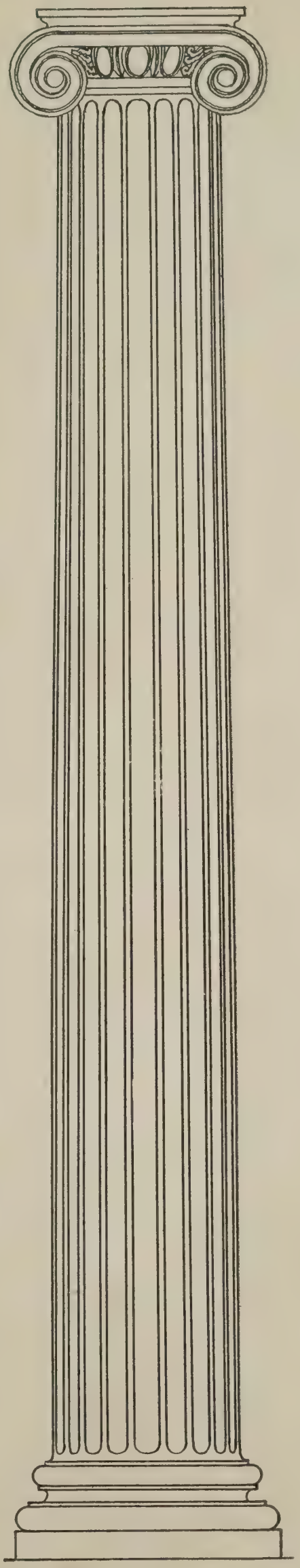
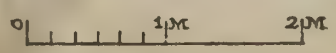
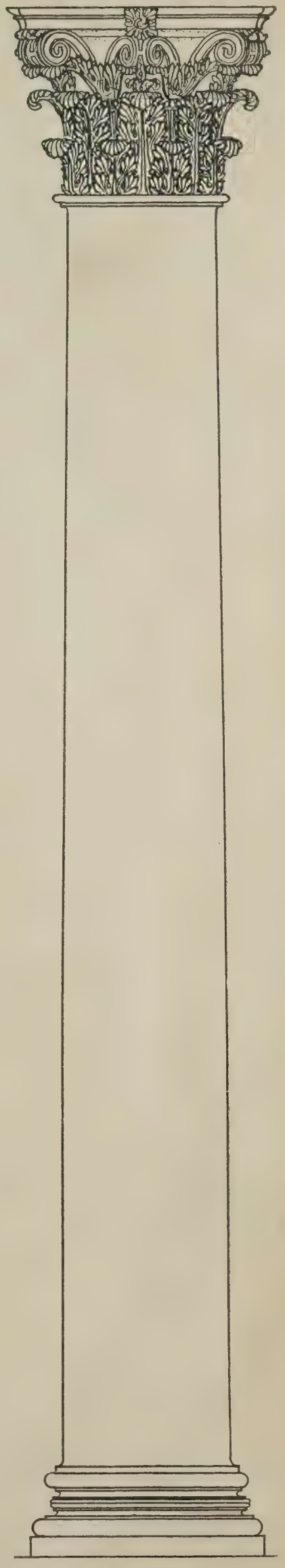
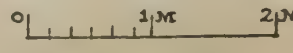


FORTVNA VIRILIS





PANTHEON



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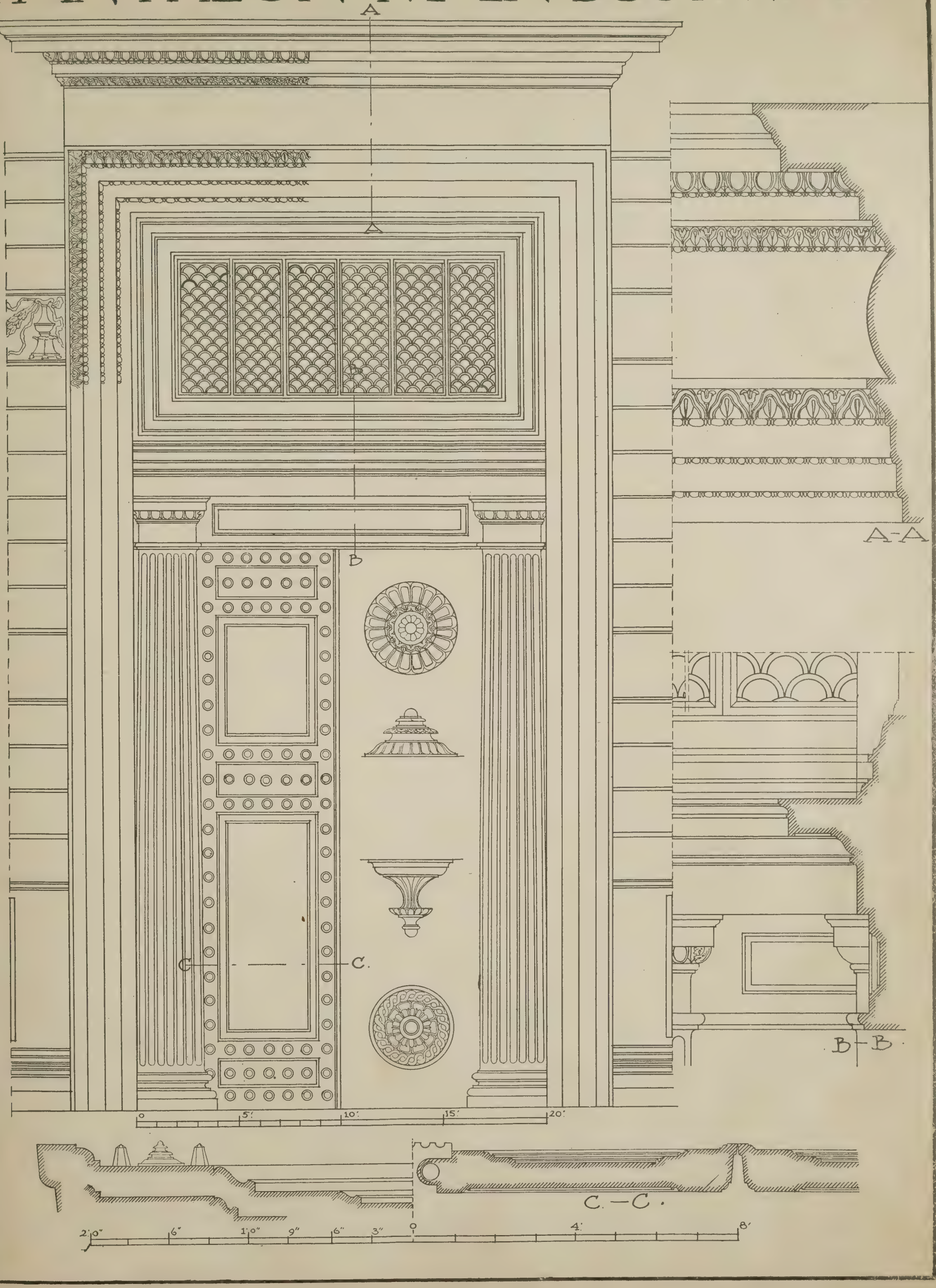
PANTHEON · MAIN · DOORWAY



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